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Loc. request

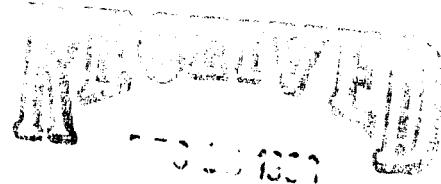
Rec'd 12/15/83

*Natural Gas
Corporation of
California*

December 9, 1983

Division of Oil, Gas & Mining
4241 State Office Building
Salt Lake City, UT 84114

Re: Request for Exception to Rule C-3
Pleasant Valley Well #14-35-D
SW $\frac{1}{4}$ SW $\frac{1}{4}$ Section 35, T.8S., R.18E.
Lease U-49430, Uintah County, UT



DIVISION OF
OIL, GAS & MINING

Gentlemen:

Natural Gas Corporation of California, as operator of Federal Lease U-49430, respectfully requests permission to locate the subject well 369' from the south line and 1085' from the west line of Section 35, T.8S., R.18E. This unorthodox location is requested because the true location falls in an area with the potential for flooding. This situation is created by the BLM's flood control dam in Pariette Draw. The elevation of the spillway is 4791'. The elevation at the true location is 4778' or 13' below the spillway. By moving the location south and east we will be out of the wash at a location acceptable to the BLM.

The working interest owners of Lease U-45031 are Natural Gas Corporation of CA 75% and Chorney Oil Company 25%. A 660' radius from the proposed well location overlaps State Lease ML 21847 which is part of the 8 Mile Flat Unit. Working interest owners on Lease ML 21847 are ~~37.5%~~ ²⁵ Natural Gas Corporation of CA/Pacific Transmission Supply Company, ~~12.5%~~ Chorney Oil Company and ~~50%~~ ²⁵ R. L. Jacobs Oil and Gas.

By copy of this letter we are also notifying, by certified mail, the above working interest owners and are asking that they notify you, in writing, of their concurrence or objection to this proposal.

If you should have any additional questions concerning this matter, please contact Rick Canterbury or myself at 801-789-4573.

Yours truly,

William A Ryan
William A. Ryan

WAR/kh

cc: Operations
C. T. Clark
E. R. Henry
See attached sheet

WATER PERMIT # 7 59454

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. U-49430	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Natural Gas Corporation of California (801) 789-4573			7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 85 South 200 East, Vernal, UT 84078			8. FARM OR LEASE NAME Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 369' from the south line and 1085' from the west line of Section 35, T.8S., R.18E. (SW $\frac{1}{4}$ SW $\frac{1}{4}$) At proposed prod. zone			9. WELL NO. 14-35-D	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Approximately 14 miles southeast of Myton, UT			10. FIELD AND POOL, OR WILDCAT Pleasant Valley	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 369'			11. SEC., T. & R., M. OR B. & SURVEY OR AREA Sec. 35, T.8S., R.18E.	
16. NO. OF ACRES IN LEASE 320			12. COUNTY OR PARISH Uintah	
17. NO. OF ACRES ASSIGNED TO THIS WELL 40			13. STATE Utah	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.			20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 4809 Un. Gr.			22. APPROX. DATE WORK WILL START* December 26, 1983	

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24	300	To surface
7-7/8"	5-1/2"	15.5	T.D.	As required to protect oil shale and producing formations.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Rick Canterbury TITLE _____ DATE Dec. 9, 1983
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY L.H. Ferguson TITLE DISTRICT MANAGER DATE 12-22-83
CONDITIONS OF APPROVAL, IF ANY:

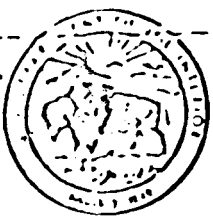
cc: BLM; Div. OG&M; Operations; CTClark; ERHenry

NOTES: State Oil & Gas
CONDITIONS OF APPROVAL ATTACHED
TO OPERATOR'S COPY

FLARING OR VENTING OF
GAS IS SUBJECT TO NTL 4-A
DATED 1/1/80

ADDITIONAL STIPULATIONS

Adequate and sufficient electric/radioactive logs will be run to locate and identify the prime oil shale horizons in the Green River formation. Casing and cementing programs will be adjusted to eliminate any potential influence of the well bore or productive hydrocarbon zones on the oil shale resource. Surface casing program may require adjustment for protection of fresh water aquifers.



United States Department of the Interior

Geological Survey
Conservation Division
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

February 2, 1981

General Outline for the Protection and Isolation of Ground Water and Oil Shale in the Uinta Basin.

The oil shale occurs with varying thicknesses in most parts of the Uinta Basin and at varying depths. Ground water also occurs at varied depths above and below the Oil Shale. These ground waters have varying degrees of salinity. Nonetheless, drilling for hydrocarbon in the Uinta Basin should provide for the protection of the oil shale and the ground water if either is present.

The protection of the oil shale and the ground water can effectively be carried on through the design of an adequate casing and cementing program for each well drilled in the area.

In the Uinta Basin, water occurs mainly in the Uinta and the Green River formations. As drilling for hydrocarbon gets deeper into the crust of the earth, more ground water might be encountered and will be protected as it is encountered.

This notice's purpose is to attempt to lay the groundwork for a casing program and cementing program that will protect the oil shale and the ground water if present.

These programs are to be considered as guidelines. The specificity of casing depth, amount of cement and the depth of staging collars will be considered on an individual basis after a careful study of the logs of each individual well. Cementing from the bottom up is an economical solution if carefully conducted.

The casing and cementing program presented here as an example, will assume that fresh water was encountered in the upper parts of the Green River, that the oil shale occurs in the middle of the Green River (1000 foot section) and that some ground water is encountered in the lower parts of the Green River.

In this case, three areas will have to be cemented to assure the integrity of the ground water and oil shale. These areas are above the upper fresh water, across the oil shale and below the lower water aquifer. Deep aquifers that do not contain useful water are cemented to prevent water zone influence on production.

The following casing and cementing program will be appropriate for this example:

- A. Surface casing is set at approximately 300 feet and cemented to the surface.

- B. The next casing string will be set at approximately 300 feet below the lowest aquifer. Cementing will be done in three stages, using two stage collars and cement baskets or equivalent as described below and on attached sketches:
1. Cement first stage through the casing shoe to fill annulus back to base of lower aquifer.
 2. Place 1st stage collar (with cement basket immediately below) at a selected point at the base of the oil shale. Cement will have to reach top of oil shale.
 3. Place 2nd stage collar (with cement basket immediately below) 50 feet above the top of the Bird's Nest aquifer and cement to at least 300 feet above the stage collar.
- C. The above is an example. Reasonable equivalents that accomplish these same protective measures, (such as cementing the water zones instead of isolating them), depending on the individual cases will be considered for approval.
- D. When the above mentioned well is to be abandoned, inner-casing plugs will have to be placed at the same depth as the above mentioned annulus cement jobs.

The use of cement bond logs will verify the authenticity of the cement job performed.

- E. The Operator of such well should notify U.S.G.S. 48 hours prior to commencement of casing and cementing activity, so a technician could be dispatched to witness the operations to verify compliance with casing and cementing program.

Attached Sketches:

1. Schematic of the required casing and cementing program.
2. Cross section of the Uinta Basin.
3. Schematic of the general ground water protection program.

E. W. Gynn
District Oil and Gas Supervisor

AMR/kr

PARTIAL CASING & CEMENTING PROGRAM FOR WELLS NATURAL BUTTES FIELD. HINTAH COUNTY, UTAH

NO SCALE

Uinta formation.

BIRDS NEST AQUIFER
HORSEBENCH SANDSTONE

GREEN RIVER

OIL SHALE ZONE

DOUGLAS CREEK
AQUIFER

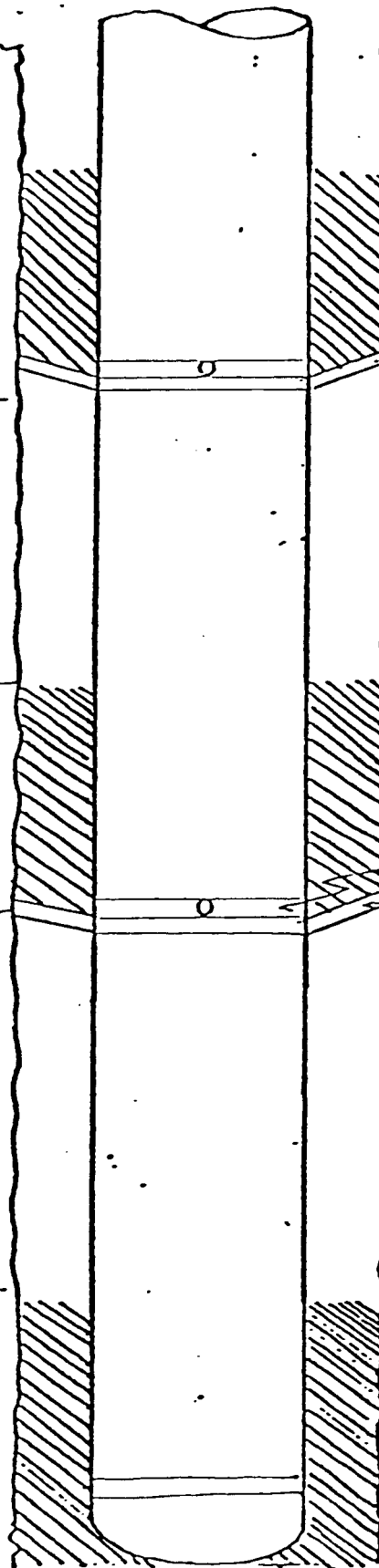
LIMESTONE & SANDSTONE

CEMENT BASKET IS PLACED
50' ABOVE TOP AQUIFER
CEMENT TO RISE
LEAST 300' IN ANNULAR

STAGE COLLAR
CEMENT BASKET.

CEMENT BASKET IS SET
CONSOLIDATED SECTION AT
BASE OF THE OIL SHALE ZONE
CEMENT TO REACH THE TOP
OF THE MAHOGANY ZONE

CEMENT WILL REACH BOTTOM
OF LOWER AQUIFER



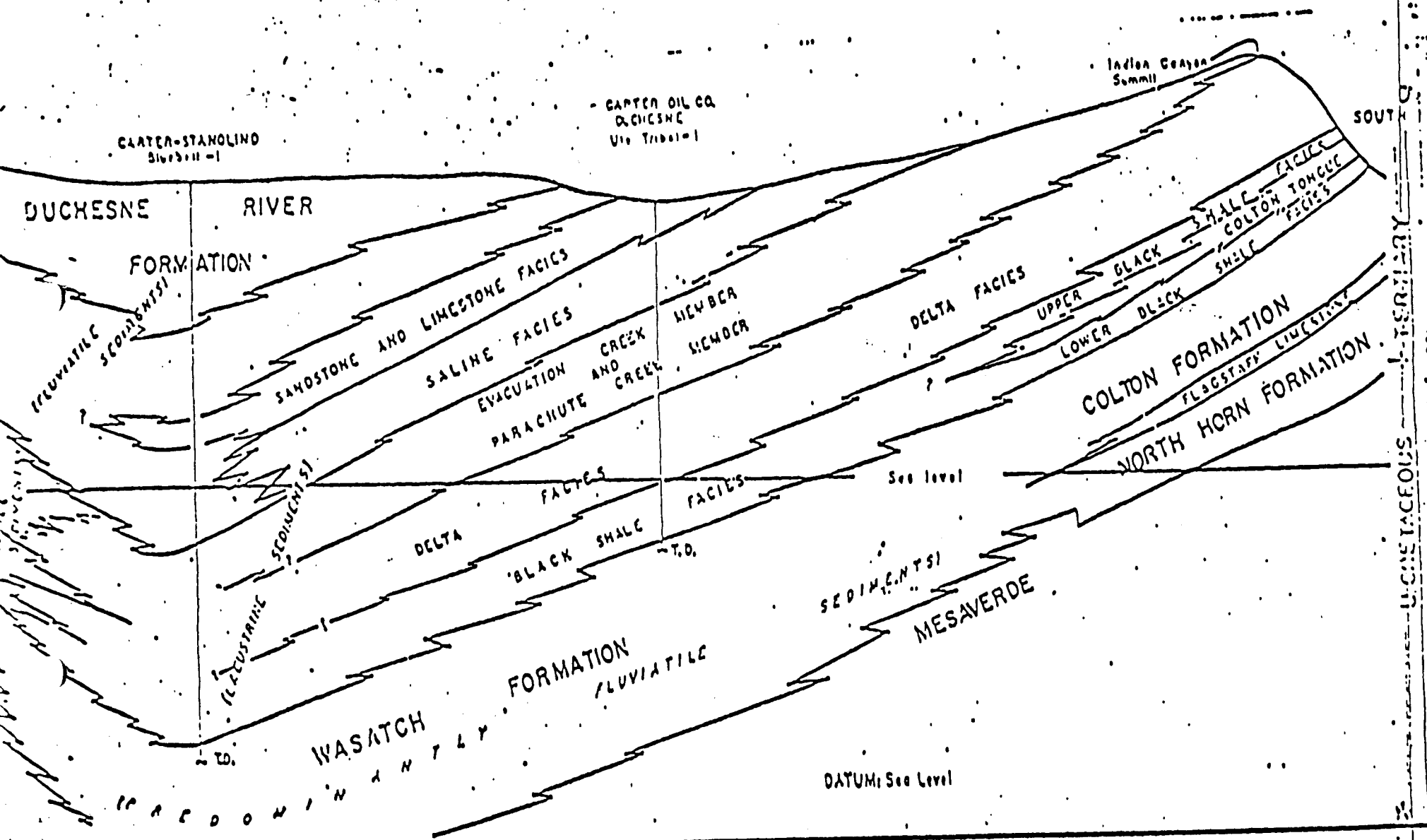


Figure 5.- View east of cross section of Uinta Basin showing stratigraphy and intertonguing of Tertiary rocks. Ute Tribal-1 (in section) is located about 8 miles southeast of the application area.

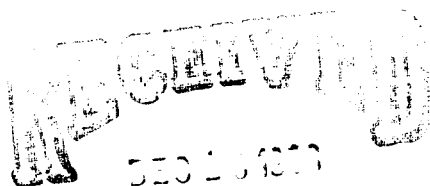
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

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17. NO. OF ACRES ASSIGNED TO THIS WELL 40		13. STATE Utah
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 6190'		20. ROTARY OR CABLE TOOLS Rotary
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 4809 Un. Gr.		22. APPROX. DATE WORK WILL START* December 26, 1983

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DIVISION OF
OIL, GAS & MINING

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24. SIGNED Rick Canterbury TITLE _____ DATE Dec. 9, 1983
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

cc: BLM; Div. OG&M; Operations; CTClark; ERHenry

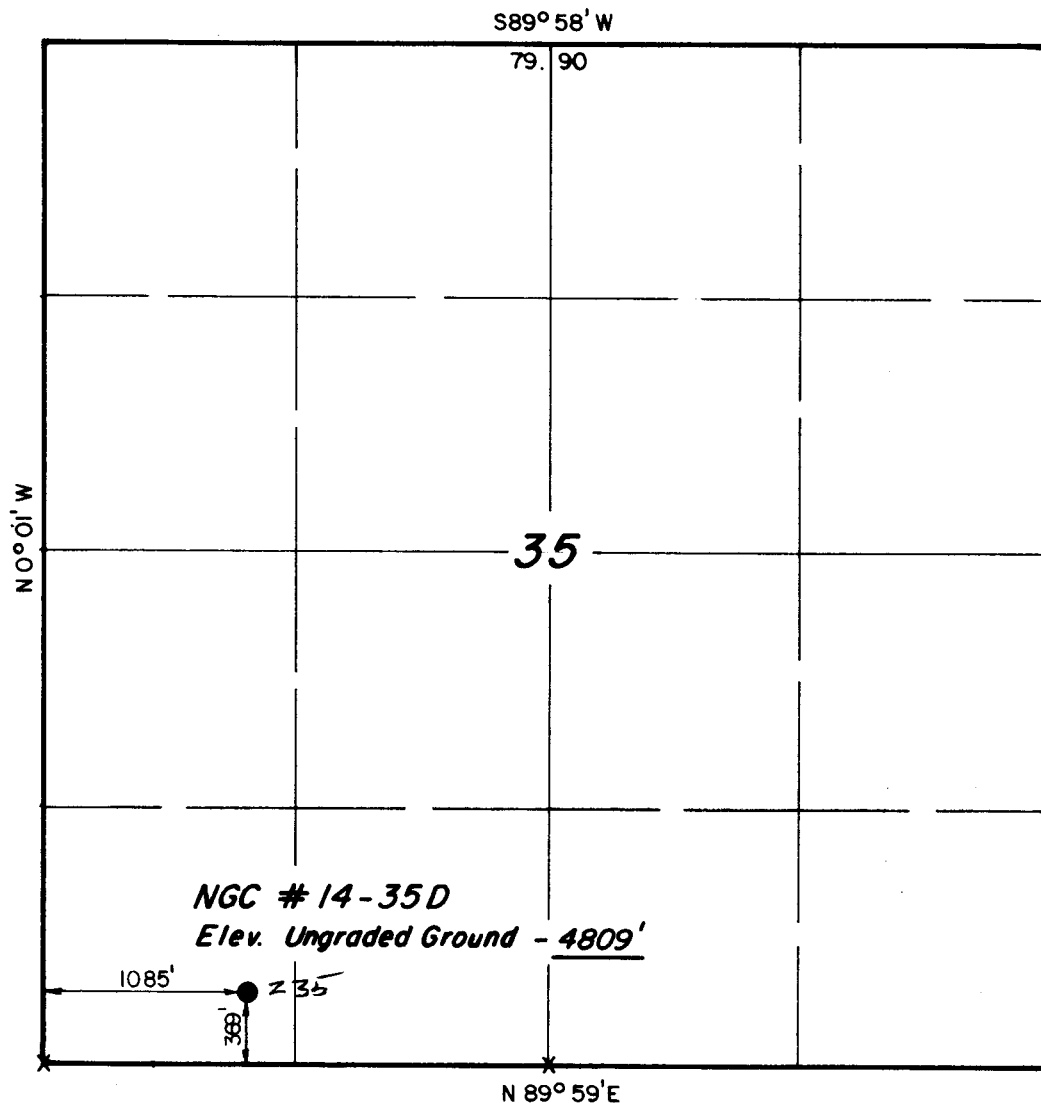
M-3-C

T 8 S , R 18 E , S . L . B . & M .

PROJECT

NATURAL GAS CORP. OF CALIFORNIA

Well location, *NGC # 14-35D*, located as shown in the SW1/4 SW1/4 Section 35, T8S, R18E, S.L.B.&M. Uintah County, Utah.



X = Section Corners Located

RECEIVED
DEC 13 1983
DIVISION OF
OIL, GAS & MINING



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

[Signature]
REGISTERED LAND SURVEYOR
REGISTRATION NO 2454
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P O. BOX Q ~ 85 SOUTH ~ 200 EAST
VERNAL, UTAH - 84078

SCALE	1" = 1000'	DATE	12/05/83
PARTY	RT DA RP	REFERENCES	GLO Plat
WEATHER	Clear/ Cool	FILE	NAT. GAS

[illegible]

R 19 E

T85
T95

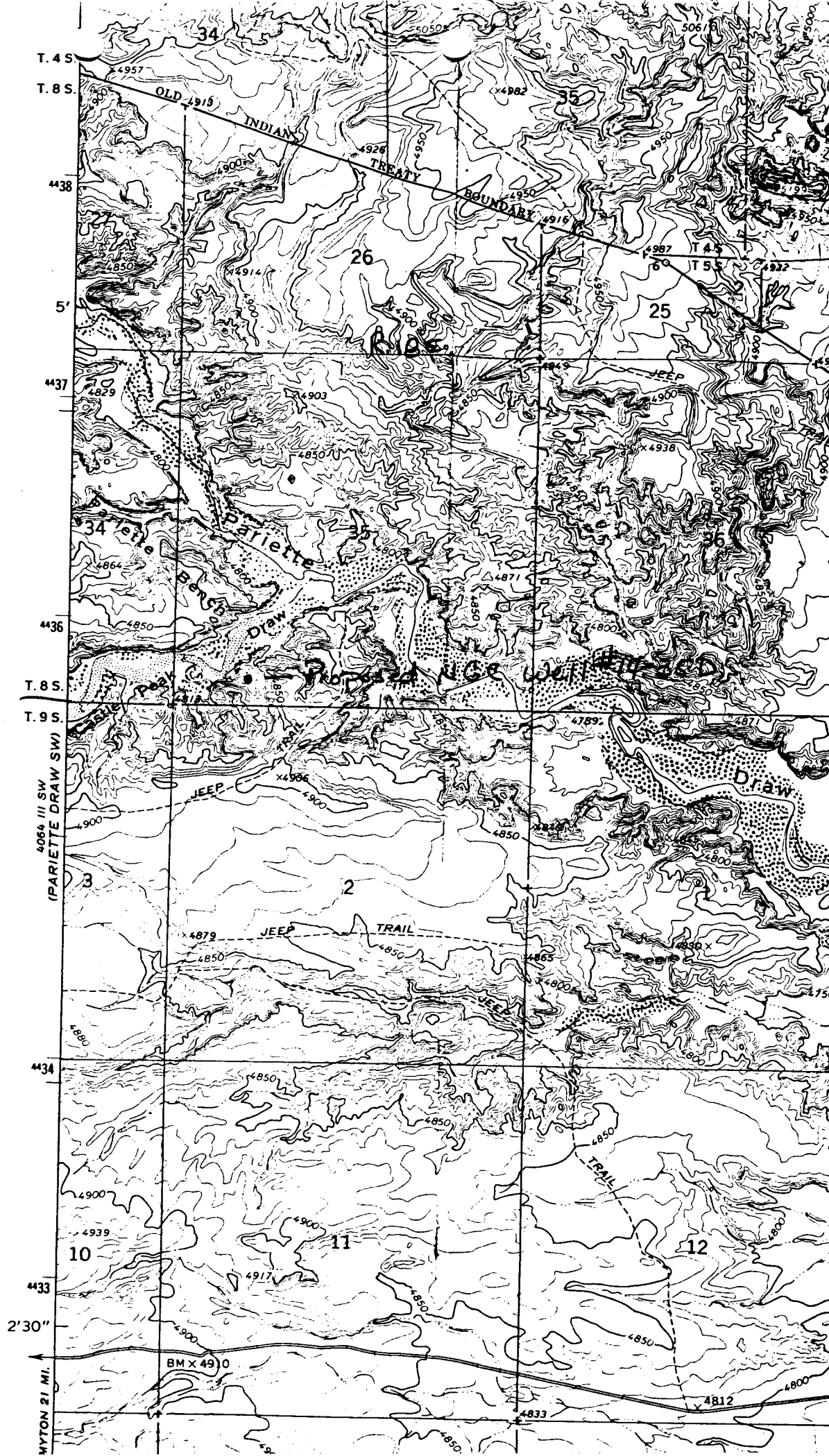
PARIETTE BENCH
D. Sharrock

1-042
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3-Plat

1-042
10-14

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T95

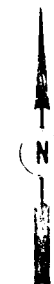
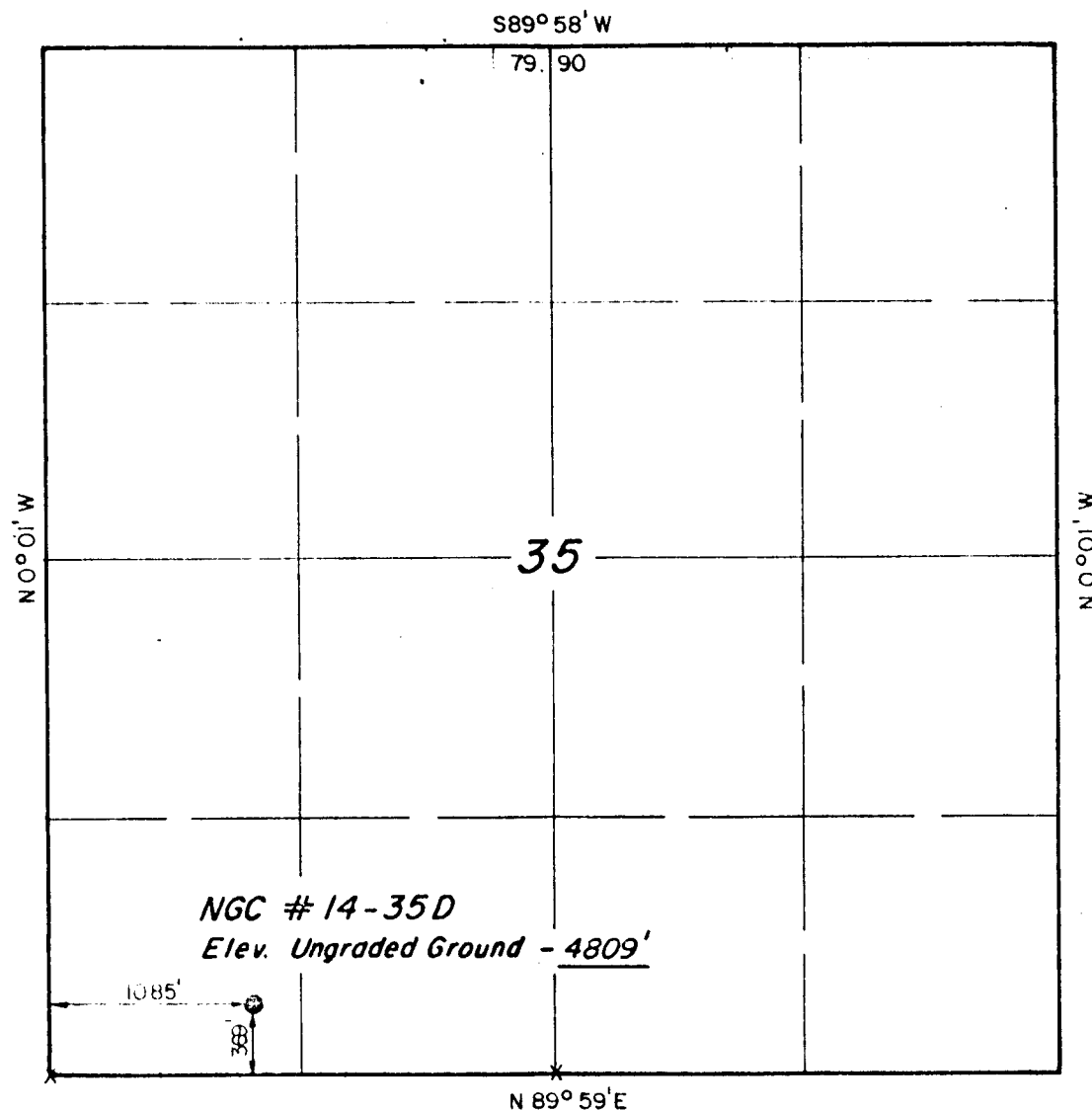


T 8 S , R 18 E , S.L.B. & M.

PROJECT

NATURAL GAS CORP. OF CALIFORNIA

Well location, *NGC # 14-35 D*, located as shown in the SW 1/4 SW 1/4 Section 35, T8S, R18E, S.L.B. & M. Uintah County, Utah.



CERTIFICATE

THE SURVEY SHOWN ON THE ABOVE PLAT WAS PREPARED FOR ME BY THE SURVEYOR, AND THE SURVEY MADE BY ME OR UNDER MY SUPERVISION, AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

[Signature]

REGISTERED LAND SURVEYOR
REGISTRATION NO 2454
STATE OF UTAH

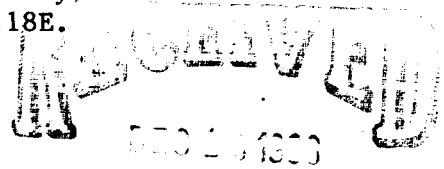
UINTAH ENGINEERING & LAND SURVEYING

P.O. BOX Q - 85 SOUTH - 200 EAST
VERNAL, UTAH - 84078

SCALE	1" = 1000'	DATE	12/05/83
PARTY	RT DA RP	REFERENCES	GLO Plat
WITNESSES	CHART / COUL	FILE	NAT GAS

X = Section Corners Located

Ten Point Plan
 NGC Well #14-35-D Pleasant Valley.
 SW $\frac{1}{4}$ SW $\frac{1}{4}$ Section 35, T.8S., R.18E.
 Uintah County, Utah



1. Surface Formation: Uintah

2. Estimated Formation Tops and Datum:

DIVISION OF
 OIL, GAS & MINING

<u>Formation</u>	<u>Depth</u>	<u>Datum</u>
Uintah		4823' KB
Green River	1525'	+3298'
Mahogany Zone	3019'	+1804'
Green Shale Facies	4033'	+ 790'
Marker A	4391'	+ 432'
Douglas Creek	4757'	+ 66'
Marker C	5551'	- 728'
Green River Lime	5931'	-1108'
Wasatch	6089'	-1266'
T.D.	6190'	

3. Producing Formation Depth: Green River Formation, Green Shale Facies and Black Shale Facies.

4. Proposed Casing Program:

<u>Hole Size</u>	<u>Casing Size</u>	<u>Weight/Ft.</u>	<u>Setting Depth</u>	<u>Casing New/Used</u>
12-1/4	8-5/8	24, K-55	300	New
7-7/8	5-1/2	15.5, K-55	T.D.	New

5. BOP and Pressure Containment Data: A 3000 WP BOP system as described in the BOP and Pressure Containment Data (attached) will be installed and maintained from the 8-5/8" surface casing. The BOP system including the casing will be pressure tested to a minimum of 3000 psi for 30 mins. prior to drilling and will be mechanically checked daily during drilling operations.

6. Mud Program:

<u>Interval</u>	<u>Mud Weight lbs./gal.</u>	<u>Viscosity Sec./Qt.</u>	<u>Fluid Loss ML/30 mins.</u>	<u>Mud Type</u>
0-300'	Clear Water	-----	No Control	Water/Gel
300'-TD	9.5	35	10cc/less	Brine

7. Auxiliary Equipment: Upper Kelly cock, full opening stabbing valve, 2 $\frac{1}{2}$ " choke manifold and pit level indicator.

8. Testing, Coring, Sampling and Logging:

a. Testing: None are anticipated.

b. Coring: None.

c. Sampling: 10' samples will be taken from 3500' to T.D.

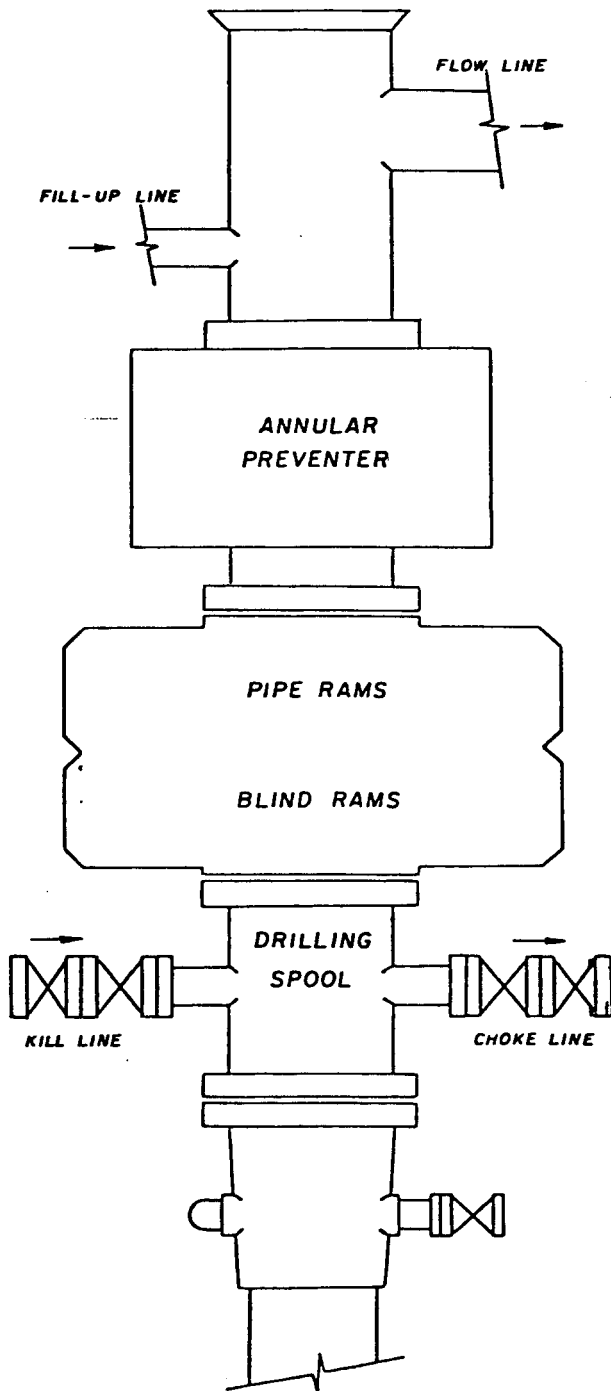
d. Logging:	<u>Type</u>	<u>Depth</u>
	DIL w/GR and SP	Surface Casing to T.D.
	LDT-CNL w/GR & Cal.	3500' to T.D. (Caliper to surface)
	PML w/GR & Caliper	3500' to T.D.

9. Abnormalities (including sour gas): No abnormal temperatures, pressures or other potential hazards are anticipated.

10. Drilling Schedule: Anticipated starting date is December 26, 1983, with duration of operations expected to be 15 to 20 days.

NATURAL GAS CORPORATION
OF
CALIFORNIA
BOP AND PRESSURE CONTAINMENT DATA

NGC #14-35-D Federal
SW $\frac{1}{4}$ SW $\frac{1}{4}$ Section 35, T.8S., R.18E.
Uintah County, Utah



1. BOP equip shall consist of a double gate, hydraulically operated preventer with pipe & blind rams or two single ram type preventers, one equipped w/pipe rams, the other w/blind rams.
2. BOP's are to be well braced w/ hand controls extended clear of substructure.
3. Accumulator to provide closing pressure in excess of that required w/sufficient volume to operate all components.
4. Auxiliary equipment: Lower kelly cock, full opening stabbing valve, 2 $\frac{1}{2}$ " choke manifold, pit level indicator &/or flow sensors w/alarms.
5. All BOP equipment, auxiliary equipment stand pipe & valves & rotary hose to be tested to the rated pressure of the BOP's at time of installation & every 30 days thereafter. BOP's to be mechanically checked daily.
6. Modification of hook-up or testing procedure must be approved in writing on tour reports by wellsite representative.

13 Point Surface Use Plan

1. EXISTING ROADS

See attached topographic map A.

To reach NGC Well #14-35-D, proceed west from Myton, Utah along U.S. Highway 40 for 1.5 miles to its junction with U.S. Highway 53; proceed south two miles to its junction with County Road #216. Follow this road south and east approximately 15 miles to a road junction. Take the left road for approximately $3\frac{1}{2}$ miles. The proposed road will start at this point.

2. PLANNED ACCESS ROAD

See attached topographic map B.

The proposed access road will be .2 mile long and will be constructed to the following standards:

- 1) Width - The running surface will be 18 feet and the total disturbance width including the ditches will not exceed 30 feet.
- 2) Maximum grade - 6%.
- 3) Turnouts - None planned.
- 4) Drainage designs - Ditches will be constructed on each side of the road, V-shaped, 1 foot deep at 3:1 slopes.
- 5) Location and size of culverts, major cuts and fills - A cut will be required. One culvert is planned for crossing the drainage northeast of the proposed location.
- 6) Surfacing materials - The road will be surfaced if the well is a producer.
- 7) Gates, cattleguards, or fence cuts - None.
- 8) The proposed road has been flagged.

3. LOCATION OF EXISTING WELLS

The following wells are located within a one mile radius of the location site.

- 1) Water wells - None.
- 2) Abandoned wells - None.
- 3) Temporarily abandoned wells - None.
- 4) Disposal wells - None.
- 5) Drilling wells - One in the NE $\frac{1}{4}$ SE $\frac{1}{4}$ Section 34, T.8S., R.18E.
- 6) Producing wells - One in the NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 35; one in SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 34; both are in T.8S., R.18E.; one in the SE $\frac{1}{4}$ NE $\frac{1}{4}$ of Sec. 3, T.9S., R.18E.
- 7) Shut-in Wells - None.

- 8) Injection wells - None.
- 9) Monitoring or observation wells for other resources - None.

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

- A. (1) Tank batteries - Yes, a tank battery will be set up on the location. Production tanks will be located on the southwest end of the location.
- (2) Production facilities - None.
- (3) Oil gathering lines - No lines will be constructed as the oil will be hauled by tankers.
- (4) Gas gathering lines - None.
- B. (1) In the event production is established, all petroleum production facilities are to be contained within the proposed location site. In the event that production of oil from this well is established, a berm will be constructed around the tank battery large enough to contain the contents of tanks.
- (2) Construction methods and materials - Production facilities will be placed on the proposed pad. Construction materials will come from the unused portion of the pad.
- (3) Livestock and wildlife protection - The evaporation pond will be fenced on all four sides and overhead wire with flagging installed, if there is oil in the pit.

5. LOCATION AND TYPE OF WATER SUPPLY

Water will be obtained from the Pariette Draw in the SW $\frac{1}{4}$ SE $\frac{1}{4}$ of Sec. 27, T.8S., R.18E. An approved permit has been received from the State of Utah and a copy is included with the application for permit to drill. A copy has also been sent to the Division of Oil, Gas & Mining. The approved permit is number is 47-1705.

6. SOURCE OF CONSTRUCTION METHODS

All construction materials for this location site and access road will be borrow materials, accumulated during construction of the location site. No additional road gravels or pit lining material from other sources are anticipated at this time, but if they are required, the appropriate actions will be taken to acquire them from private sources.

7. METHODS FOR HANDLING WASTE DISPOSAL

- 1) Cuttings, drilling fluids and produced fluids - A reserve pit will be constructed. The reserve pit will be approximately 10' deep and at least one-half of this depth shall be below the surface of the existing ground.

One half of the reserve pit will be used as a fresh water storage area during the drilling of this well and the other one-half will be used to store nonflammable materials such as cutting, salts, drilling fluids, chemicals, produced fluids, etc.

Prior to the onset of drilling, a "stock tight" fence shall be installed on three sides of the reserve pit. This fence will be either (1) woven wire at least 28 inches high and within four inches of ground surface with two strands of barbed wire above the woven wire with 10-inch spacing, or (2) at least five strands of barbed wire spaced, starting from the ground, at approximately 6-, 8-, 10-, 12-, and 12-inch intervals. At the completion of drilling operations, the fourth side of the reserve pit will be fenced and allowed to dry completely before the pit is backfilled. If there is oil on the pits, overhead wire and flagging will be installed on the pits.

The reserve pit will be lined with plastic.

- 2) Sewage - A portable chemical toilet will be supplied for human waste.
- 3) Garbage - Trash cages will be on all locations and all trash will be removed to an authorized landfill. There will be no burning.
- 4) Site Clean-up - Immediately after the rig is moved out, the well site and the area around will be cleaned and all refuse placed in a trash cage and hauled to an authorized sanitary landfill.

8. ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. WELL SITE LAYOUT

See typical rig layout.

10. PLANS FOR RESTORATION OF THE SURFACE

No topsoil will be stockpiled on this location.

If the well is producing, the platform and pit areas no longer required for the production of the well will be backfilled, recontoured, topsoiled and seeded. Topsoil will be redistributed evenly over the areas to be rehabilitated.

If the well is abandoned, the entire disturbed area (including roads) will be restored by: (1) backfilling; (2) recontouring; (3) topsoiling; (4) seeding. Specifically: the platform highwall(s) and road fill(s) will be eliminated by moving all excavated material back in place. Restoration of the location and access road will begin within 90 days after completion of the well. If the access road is restored, an attempt will be made to block road to restrict vehicle use.

The seed mixture will be determined by the Bureau of Land Management. Prior to reseeding, all disturbed areas will be scarified and left with a rough surface.

Seed will be planted at the time specified by the BLM. All seed will be drilled on the contour at a depth of $\frac{1}{4}$ to $\frac{1}{2}$ inch. Slopes too steep or rocky for machinery will be broadcast and the seed hand raked or harrowed into the soil. When broadcasting the seed, the rate per acre will be doubled.

The Lessee further covenants and agrees that all of said clean-up and restoration activities shall be done and performed in a diligent and most workmanlike manner and in strict conformity with the above mentioned Items #7 and #10.

The Operator or contractor will contact the Vernal BLM, Diamond Mountain Resource Area, 48 hours prior to starting rehabilitation work that involves earth moving equipment and upon completion of restoration measures. Before any dirt work to restore the location takes place, the reserve pit will be completely dry and all trash will be removed.

11. OTHER INFORMATION

- 1) The location is located on Federal land administered by the Bureau of Land Management.
- 2) No known historical or archaeological sites are known to exist in this area.
- 3) Construction and maintenance of roads, rehabilitation of disturbed areas, and construction of pipeline routes should be in accordance with the surface use standards as set forth in the booklet "Surface Operating Standards for Oil and Gas Exploration and Development."
- 4) The Operator or contractor will contact the Vernal District BLM, Diamond Mountain Resource Area, 48 hours prior to beginning any work on public land.
- 5) An archaeological survey has been conducted on the proposed location and the area has been cleared. If any cultural resources are located during construction, all work will be stopped and the BLM notified.
- 6) The dirt contractor will be furnished an approved copy of the surface use plan and any additional BLM stipulations prior to starting work.
- 7) All permanent (on site for six months duration or longer) structures constructed or installed, including the pumpjack, shall be painted a flat, nonreflective, earthtone color to match the standard environmental colors, Rocky Mountain 5 State Interagency Committee. All facilities shall be painted within six months of when the production facilities are put in place. Facilities that are required to comply with OSHA (Occupational Safety and Health Act) are excluded.

11. 8) The well is not within the spacing requirements of State Rule C-3. A spacing exception has been filed with the Utah Division of Oil, Gas & Mining.

12. LESSEE'S OR OPERATOR'S REPRESENTATIVE

Natural Gas Corporation of California
85 South 200 East
Vernal, UT 84078
Attn: Bill Ryan or Rick Canterbury
Telephone: (801) 789-4573

13. CERTIFICATION

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge and belief, true and correct; and that the work associated with the operations proposed herein will be performed by Natural Gas Corporation of California and its contractors in conformity with this plan and terms and conditions with this plan and the terms and conditions under which it is approved.

December 9, 1983
Date

Rick Canterbury
Rick Canterbury

NATURAL GAS CORP. OF CALIF.

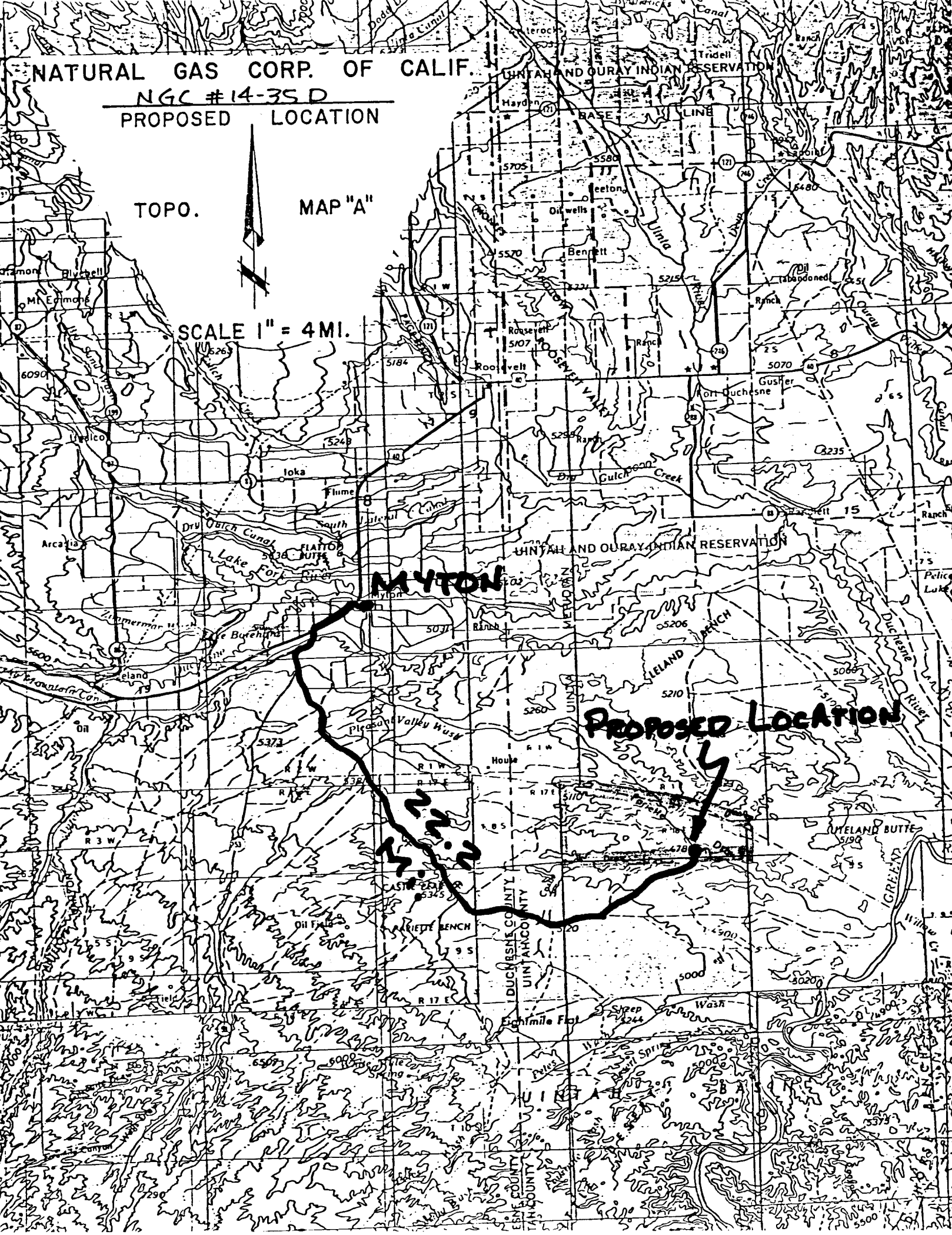
NGC #14-35 D

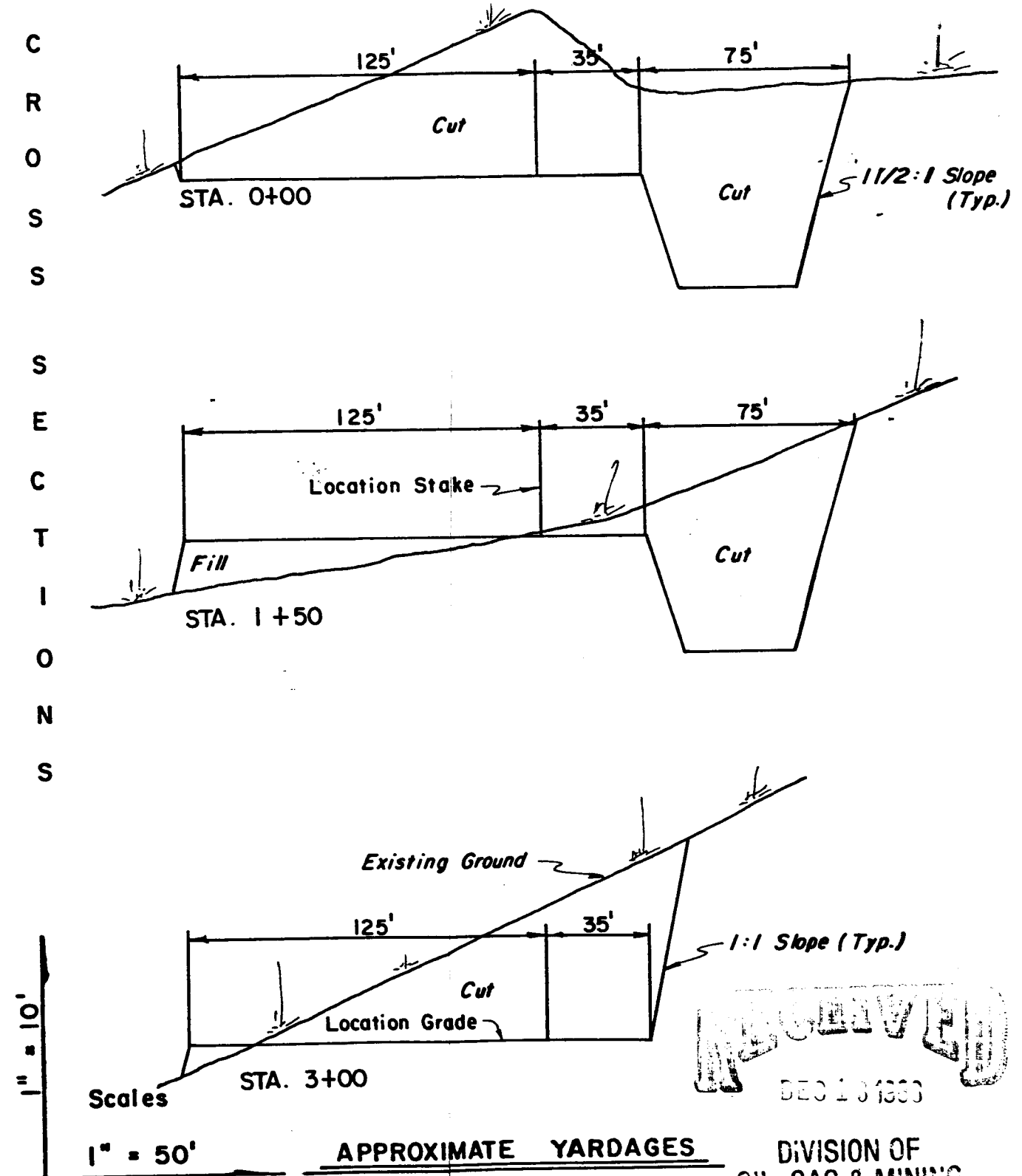
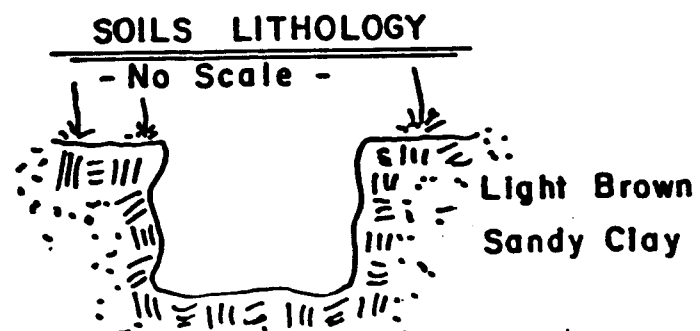
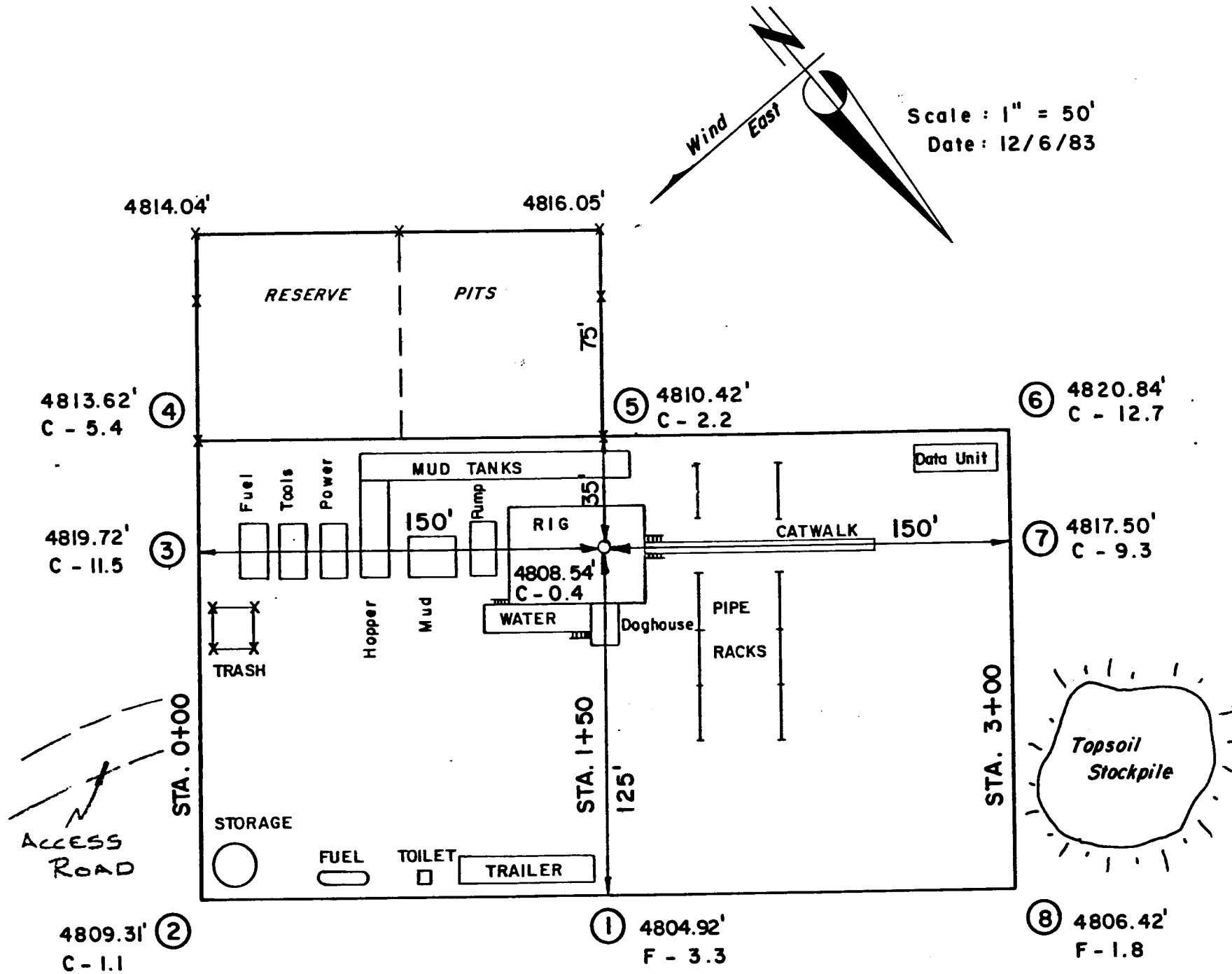
PROPOSED LOCATION

TOPO.

MAP "A"

SCALE 1" = 4 MI.





Cubic Yards Cut - 11,680

Cubic Yards Fill - 1,112

DIVISION OF OIL, GAS & MINING

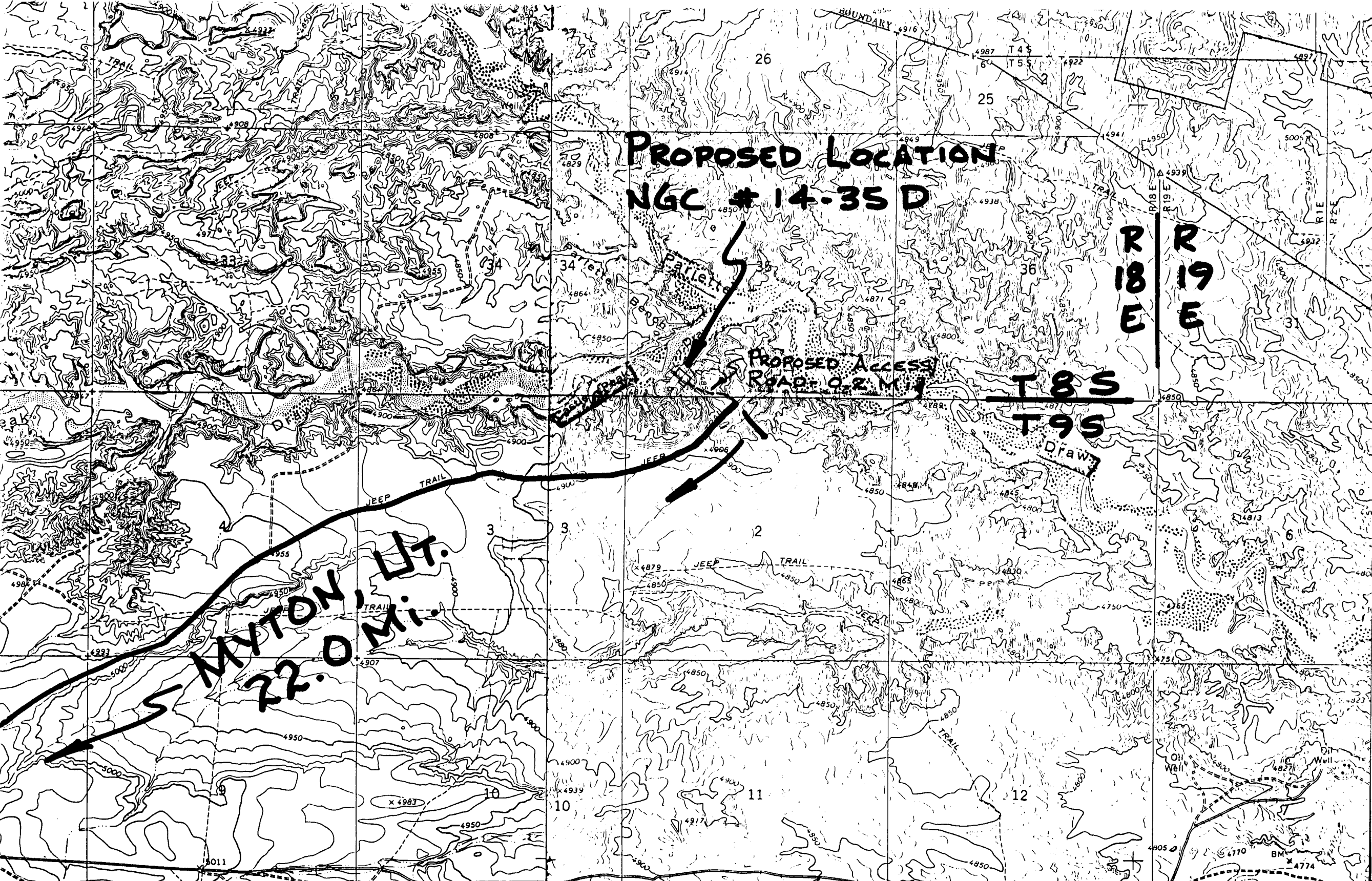
**PROPOSED LOCATION
NGC #14-35 D**

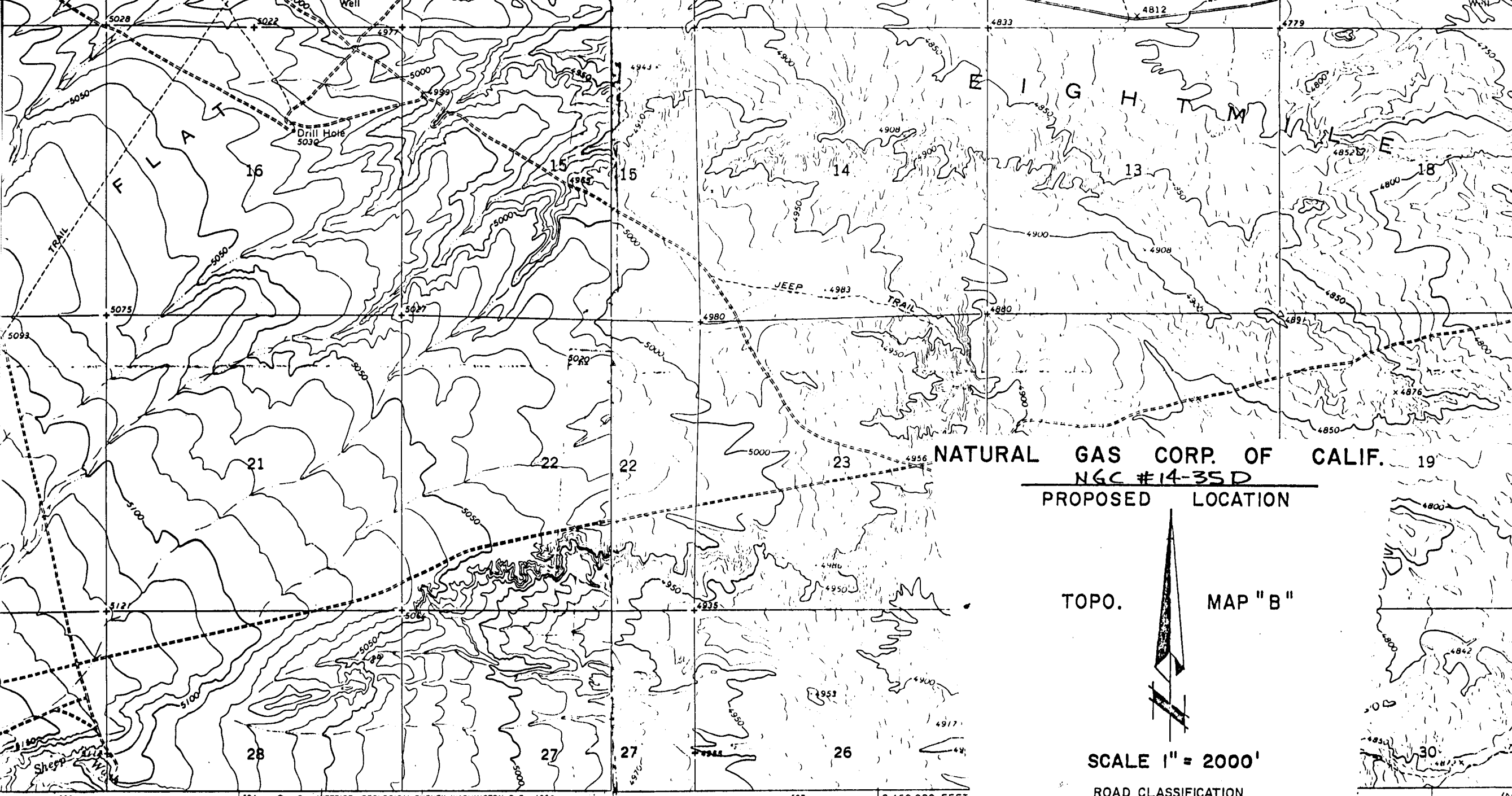
**PROPOSED ACCESS
ROAD 0.2 Mi.**

**R 18 E
R 19 E**

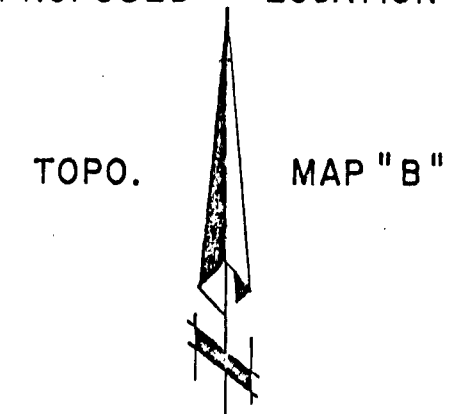
**T 8 S
T 9 S**

**MYTON, UT.
22.0 Mi.**





NATURAL GAS CORP. OF CALIF.
NGC #14-35D
PROPOSED LOCATION



TOPO. MAP "B"

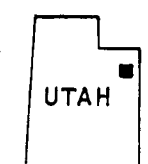
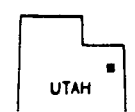
SCALE 1" = 2000'

ROAD CLASSIFICATION

Light duty road, all weather, Unimproved road fair or dry
improved surface weather

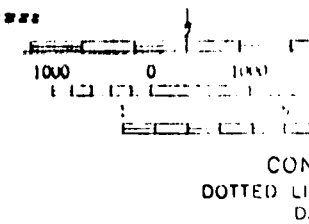
ROAD CLASSIFICATION

Light-duty Unimproved dirt



QUADRANGLE LOCATION

Mapped, edited, and published by the Geological Survey
in cooperation with the Bureau of Reclamation
Control by USGS and USC&GS
Topography by photogrammetric methods from aerial
photographs taken 1963. Field checked 1964
Polyconic projection. 1927 North American datum
10,000-foot grid based on Utah coordinate system, central zone
1000-meter Universal Transverse Mercator grid ticks,



CON
DOTTED LIN
DA

APPLICATION TO APPROPRIATE WATER
STATE OF UTAH

47-1705

NOTE:—The information given in the following blanks should be free from explanatory matter, but when necessary, a complete supplementary statement should be made on the following page under the heading "Explanatory."

For the purpose of acquiring the right to use a portion of the unappropriated water of the State of Utah, for uses indicated by (X) in the proper box or boxes, application is hereby made to the NOV 4 1983 Engineer, based upon the following showing of facts, submitted in accordance with the requirements of the Laws of Utah.

1. Irrigation ☐ Domestic ☐ Stockwatering ☐ Municipal ☐ Power ☐ Mining ☐ Other Uses ☒ SEE ENCL. PAGE, UTAH

2. The name of the applicant is Natural Gas Corp. of California

3. The Post Office address of the applicant is 85 South 200 East, Vernal, Utah 84078

4. The quantity of water to be appropriated _____ second-feet and/or 12.0 acre-feet

5. The water is to be used for Oil Well Drilling from Nov. 15, 1983 to May 1, 1984
(Major Purpose) (Month) (Day) (Month) (Day)

other use period _____ from _____ to _____
(Minor Purpose) (Month) (Day) (Month) (Day)

and stored each year (if stored) from _____ to _____
(Month) (Day) (Month) (Day)

6. The drainage area to which the direct source of supply belongs is _____

7. The direct source of supply is* Pariette Draw

(Name of stream or other source)

which is tributary to _____, tributary to _____

*Note.—Where water is to be diverted from a well, a tunnel, or drain, the source should be designated as "Underground Water" in the first space and the remaining spaces should be left blank. If the source is a stream, a spring, a spring area, or a drain, so indicate in the first space, giving its name, if named, and in the remaining spaces, designate the stream channels to which it is tributary, even though the water may sink, evaporate, or be diverted before reaching said channels. If water from a spring flows in a natural surface channel before being diverted, the direct source should be designated as a stream and not a spring.

8. The point of diversion from the source is in Uintah County, situated at a point*
North 700 ft. East 500 ft. from S $\frac{1}{4}$ Cor. Sec. 27, T8S, R18E, SLB&M

(12 miles SE of M. Y. town)

PARIETTE DRAW SW Quad

*Note.—The point of diversion must be located definitely by course and distance or by giving the distances north or south, and east or west with reference to a United States land survey corner or United States mineral monument, if within a distance of six miles of either, or if at a greater distance, to some prominent and permanent natural object. No application will be received for filing in which the point of diversion is not defined definitely.

9. The diverting and carrying works will consist of Water will be picked up by Vac trucks and hauled to place of use.

10. If water is to be stored, give capacity of reservoir in acre-feet _____ height of dam _____
area inundated in acres _____ legal subdivision of area inundated _____

11. If application is for irrigation purposes, the legal subdivisions of the area irrigated are as follows:

12. Is the land owned by the applicant? Yes _____ No X If "No," explain on page 2. _____
Total _____ Acres

13. Is this water to be used supplementally with other water rights? Yes _____ No X
If "yes," identify other water rights on page 2.

14. If application is for power purposes, describe type of plant, size and rated capacity: _____

15. If application is for mining, the water will be used in _____ Mining District at the _____ mine, where the following ores are mined _____

16. If application is for stockwatering purposes, number and kind of stock watered _____

17. If application is for domestic purposes, number of persons _____, or families _____

18. If application is for municipal purposes, name of municipality _____

19. If application is for other uses, include general description of proposed uses Oil Well Drilling & completion

20. Give place of use by legal subdivision of the United States Land Survey for all uses described in paragraphs 14 to 19, incl. Well # 43-34D, NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 34, T8S, R18E, and Well # 43-35D in SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 35, T8S, R18E, SLB&M
#14-35D

21. The use of water as set forth in this application will consume 12.0 _____ or acre-feet of water and None second feet and/ or acre feet will be returned to the natural stream or source at a point described as follows: _____

EXPLANATORY

The following additional facts are set forth in order to define more clearly the full purpose of the proposed application:

[Lined area for explanatory text]

(Use page 4 if additional explanatory is needed.)

The quantity of water sought to be appropriated is limited to that which can be beneficially used for the purpose herein described

Rich Canterbury for Natural Gas Co.
Signature of Applicant of CH.

If applicant is a corporation or other organization, signature must be the name of such corporation or organization by its proper officer, or in the name of the partnership by one of the partners, and the names of the other partners shall be listed. If a corporation or partnership, the affidavit below need not be filled in. If there is more than one applicant, a power of attorney, authorizing one to act for all, should accompany the Application.

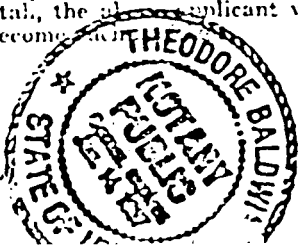
DECLARATION OF CITIZENSHIP

STATE OF UTAH, Uintah } ss
County of _____

On the 2nd day of November, 1983, personally appeared before me, a notary public for the State of Utah, the applicant who, on oath, declared that he is a citizen of the United States, or has declared his intention to become such.

My commission expires:

(SEAL)



Theodore Baldwin
Notary Public

FEEES FOR APPLICATIONS TO APPROPRIATE WATER IN UTAH

Flow rate — c.f.s.	Cost	
0.0 to 0.1	\$ 15.00	
over 0.1 to 0.5	30.00	
over 0.5 to 1.0	45.00	
over 1.0 to 15.0	45.00	plus \$7.50 for each cfs above the first cubic
over 15.0	150.00	foot per second.
Storage — acre-feet		
0 to 20	22.50	
over 20 to 500	45.00	
over 500 to 7500	45.00	plus \$7.50 for each 500 a.f. above the first
over 7500	150.00	500 acre feet.

(This section is not to be filled in by applicant)

STATE ENGINEER'S ENDORSEMENTS

1. Nov. 2, 1983 Application received by mail in State Engineer's office by 7/12
over counter
2. Priority of Application brought down to, on account of
3. 11-10-83 Application fee, \$15.00, received by an Rec. No. 04005
4. Application microfilmed by Roll No.
5. 11-10-83 Indexed by an Platted by
6. Nov. 2, 1983 Application examined by 7/13
7. Application returned, or corrected by office
8. Corrected Application resubmitted by mail to State Engineer's office.
over counter
9. Application approved for advertisement by
10. Notice to water users prepared by
11. Publication began; was completed
Notice published in
12. Proof slips checked by
13. Application protested by
14. Publisher paid by M.E.V. No.
15. Hearing held by
16. Field examination by
17. 11-2-83 Application designated for approval 56.
rejection
18. 11/23/83 Application copied or photostated by slm proofread by
19. 11/23/83 Application approved
rejected
20. Conditions:

This Application is approved, subject to prior rights, as follows:

- a. Actual construction work shall be diligently prosecuted to completion.
- b. Proof of Appropriation shall be submitted to the State Engineer's office by NPR
- c. TEMPORARY APPROVAL -- EXPIRES May 1, 1934.

Dee C. Hansen
Dee C. Hansen, P.E., State Engineer

21. Time for making Proof of Appropriation extended to
22. Proof of Appropriation submitted.
23. Certificate of Appropriation, No., issued

Application No. T 59454

ENTERED - DATE 11/23/83 BY MM
VERIFIED - DATE 11/23/83 BY MM

NOTICE TO APPLICANT

All waters in this state, whether above or under the ground, are the property of the public, subject to all existing rights in the use thereof. No appropriation of the unappropriated public water may be made and no rights to the use thereof shall be recognized except Application for such appropriation first be made to the State Engineer.

The approval of this Application is not a Certificate of Appropriation. It is merely your authority to begin construction work, which must be prosecuted diligently to completion. To secure a Certificate of Appropriation under this Application, Proof of Appropriation must be submitted within the time limit allowed by the State Engineer. The amount of water for which Certificate will be issued will depend upon the amount of water actually put to a beneficial use, not to exceed, however, the amount of water specified in this Application. Proof of Appropriation must be made in accordance with the requirements of the law. For further information write the State Engineer.

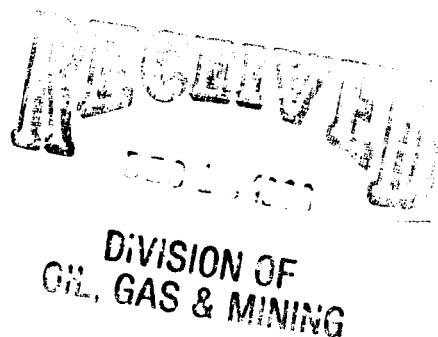
*Natural Gas
Corporation of
California*

December 9, 1983

Chief, Branch of Fluid Minerals
Utah State Office
Bureau of Land Management
University Club Building
136 East South Temple
Salt Lake City, UT 84111

Division of Oil, Gas & Mining
4241 State Office Building
Salt Lake City, UT 84114

Re: NGC #14-35-D Federal
SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 35, T.8S., R.18E.
Uintah County, UT
Pleasant Valley area



Gentlemen:

Natural Gas Corporation of California proposes to drill the subject well.
Enclosed are the following documents:

- 1) Application for Permit to Drill
- 2) Surveyor's Plat
- 3) Ten Point Plan
- 4) 13 Point Surface Use Plan

Your early consideration and approval of this application would be appreciated. Please contact this office if you have any questions concerning this application.

Sincerely,

Rick Canterbury
Rick Canterbury

/kh

Encls.

cc: Operations
C. T. Clark
E. R. Henry

December 9, 1983
Division of Oil, Gas & Mining
Page 2

Chorney Oil Company
555 17th Street, Suite 1000
Denver, CO 80202-3910

R. L. Jacobs Oil and Gas
2467 Commerce Blvd.
Grand Junction, CO 81501

Pacific Transmission Supply Company
7800 E. Union Ave., Suite 800
Denver, CO 80237

OPERATOR NATURAL GAS CORP OF CAL

DATE 12-14-83

WELL NAME FED 14-35-D

SEC SW SW 35 T 8S R 18E COUNTY UINTAH

43-047-31423
API NUMBER

FED
TYPE OF LEASE

POSTING CHECK OFF:

CONFIDENTIAL

☐ INDEX

☐ MAP

☐ HL

☐ NLD

☐

☐ PI

PROCESSING COMMENTS:

WATER PERMIT #47-1705

NO OIL WELLS WITHIN 1000'

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 12-20-83

BY: [Signature]

CHIEF PETROLEUM ENGINEER REVIEW:

12/20/83

APPROVAL LETTER:

SPACING: ☐ A-3 _____ UNIT

☐ c-3-a _____ CAUSE NO. & DATE

☐ c-3-b

☒ c-3-c

SPECIAL LANGUAGE:

CONFIDENTIAL

☒ RECONCILE WELL NAME AND LOCATION ON APD AGAINST SAME DATA ON PLAT MAP.

☒ AUTHENTICATE LEASE AND OPERATOR INFORMATION

☒ VERIFY ADEQUATE AND PROPER BONDING

☒ AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.

☐ APPLY SPACING CONSIDERATION

☐ ORDER NO

UNIT NO

c-3-b

☒ c-3-c

THE UNITED STATES OF AMERICA
DEPARTMENT OF THE ARMY
OFFICE OF THE CHIEF OF STAFF
WASHINGTON, D. C. 20315

☒ CHECK DISTANCE TO NEAREST WELL.

☒ CHECK OUTSTANDING OR OVERDUE REPORTS FOR OPERATOR'S OTHER WELLS.

☒ IF POTASH DESIGNATED AREA, SPECIAL LANGUAGE ON APPROVAL LETTER

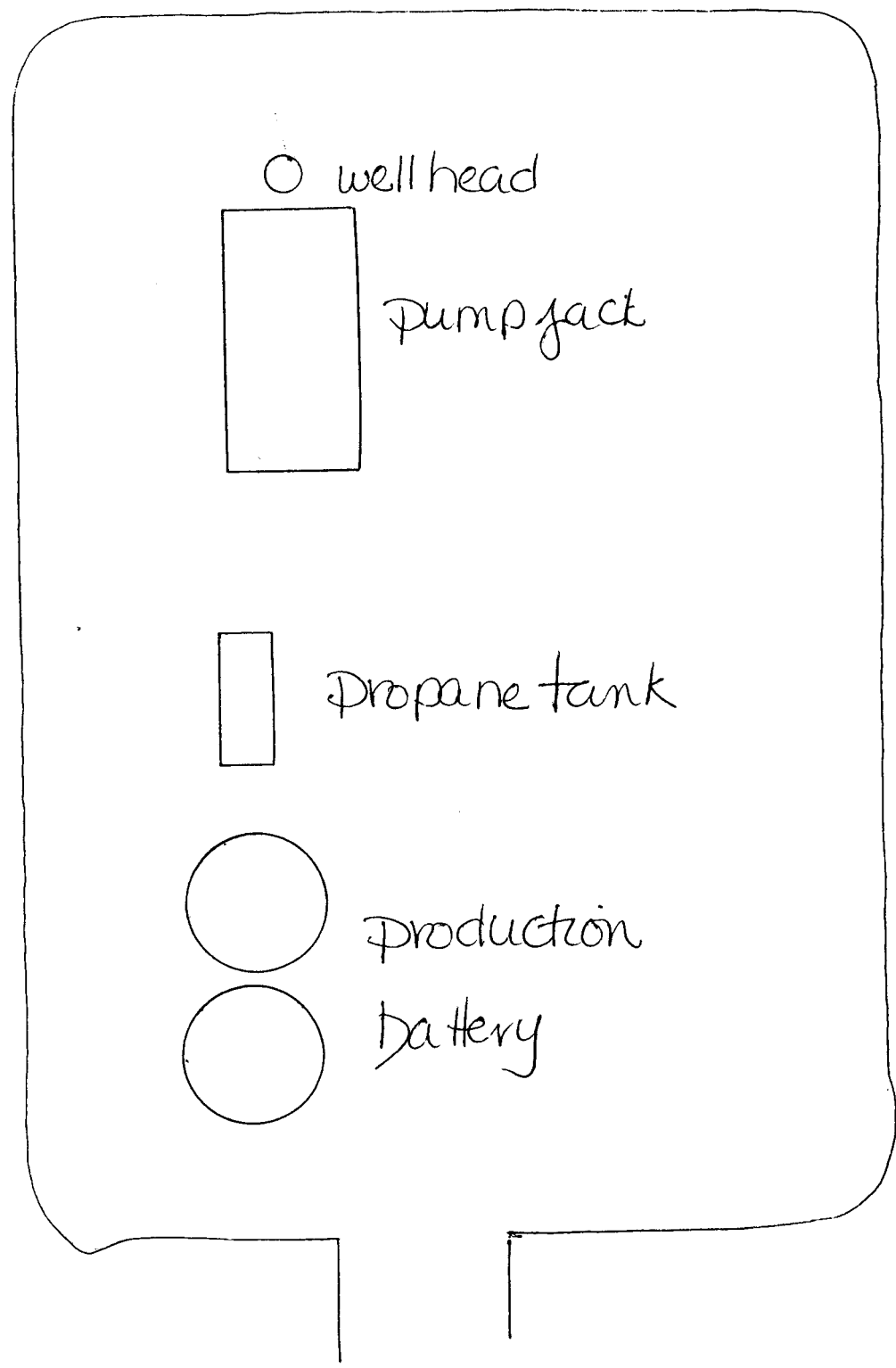
☒ IF IN OIL SHALE DESIGNATED AREA, SPECIAL APPROVAL LANGUAGE.

☒ VERIFY LEGAL AND SUFFICIENT DRILLING WATER

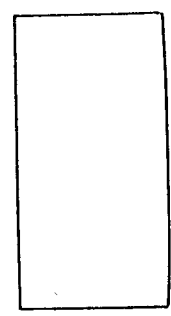
31423

Ad 14-357 Sec 35, T8S, R18E

Hubby 5/17/89



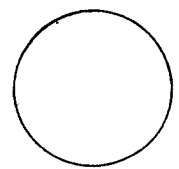
well head



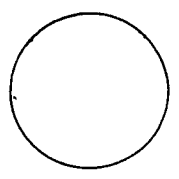
pumpjack



propane tank



production



battery

RAYMOND CHORNEY

INDEPENDENT OIL & GAS OPERATOR

SUITE 1000

555 SEVENTEENTH STREET

DENVER, COLORADO 80202-3910

OFFICE PHONE 303/293-2575

December 13, 1983

Division of Oil, Gas & Mining
4241 State Office Building
Salt Lake City, Utah 84114

Re: Request For Exception to Rule C-3
Pleasant Valley Well #14-35D
SW SW Section 35, T8S, R18E
Uintah County, Utah, Lease U-49430

Gentlemen:

In reference to Mr. W. A. Ryan's letter of December 9, 1983, we are herewith attaching Mr. Raymond Chorney's concurrence with Natural Gas Corporation of California's application for exception to State spacing rule #C-3 for the above referenced well.

Please note that the attached approval is by Mr. Raymond Chorney, the working interest owner of the above referenced lease, rather than Chorney Oil Company, as indicated in Mr. Ryan's letter.

Yours very truly,



Sam T. Boltz, Jr.
Vice President, Operations

STB:nah

Attachment

cc: W. A. Ryan - NGCC
Vernal, Utah
C. T. Clark - NGCC
Denver, Colo.

RECEIVED
DEC 15 1983

DIVISION OF
OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☒ well gas ☐ well other ☐

2. NAME OF OPERATOR
Natural Gas Corporation of California

3. ADDRESS OF OPERATOR
85 South 200 East, Vernal, UT 84078

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 369' from the south line and 1085'
AT TOP PROD. INTERVAL: from the west line of
AT TOTAL DEPTH: Sec. 35, T.8S., R.18E.

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF	<input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>	<input type="checkbox"/>

(other) Request Confidential Status

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Natural Gas Corporation of California requests that all information concerning this well be placed in a confidential status.

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

RECEIVED
DEC 15 1983

DIVISION OF
OIL, GAS & MINING

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Rick Canterbury TITLE _____ DATE December 13, 1983

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

cc: BLM; Div. OG&M; Operations; CTClark; ERHenry; DRichards

December 9, 1983

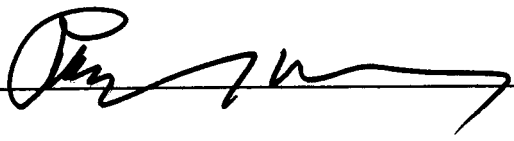
Division of Oil, Gas & Mining
4241 State Office Building
Salt Lake City, UT 84114

Re: Application for Exception to State
Spacing Rule #C-3, Utah State Division of Oil, Gas & Mining

Gentlemen:

We hereby indicate concurrence to Natural Gas Corporation of California's application for exception to State Spacing Rule #C-3 for a well to be located 1085 feet from the west line and 369' from the south line of Section 35, T.8S., R.18E., S.L.B. & M.

Sincerely,



December 20, 1983

Natural Gas Corp. of California
85 South 200 East
Vernal, Utah 84078

RE: Well No. Federal 14-35=D
SWSW Sec. 35, T.8S, R. 18E
369' FSL, 1085' FWL
Uintah County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to oil/well on said unorthodox location is hereby granted in accordance with Rule C-3(c), General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

RONALD J. FIRTH - Chief Petroleum Engineer
Office: 533-5771
Home: 571-6068

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-047-31423.

Sincerely,

Norman C. Stout
Administrative Assistant

NCS/as
cc: Branch of Fluid Minerals
Encl.

DIVISION OF OIL, GAS AND MINING

CONFIDENTIAL

SPODDING INFORMATION

NAME OF COMPANY: NATURAL GAS CORP. OF CALIFORNIA

WELL NAME: 14-35D

SECTION SWSW 35 TOWNSHIP 8S RANGE 18E COUNTY UINTAH

DRILLING CONTRACTOR PARKER AIR DRILLING

RIG #

SPODDED: DATE 1-12-84

TIME 3:45 PM

How Dry Hole Spudder

DRILLING WILL COMMENCE

REPORTED BY KARLA

TELEPHONE # 789-4573

DATE 1-13-84 SIGNED AS

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☒ well ☒ gas well ☐ other

2. NAME OF OPERATOR
Natural Gas Corporation of California

3. ADDRESS OF OPERATOR
85 South 200 East, Vernal, UT 84078

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 369' FSL, 1085' FWL (SW $\frac{1}{4}$ SW $\frac{1}{4}$)
AT TOP PROD. INTERVAL: Sec. 35, T.8S., R.18E.
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES <input type="checkbox"/>	<input type="checkbox"/>
ABANDON* <input type="checkbox"/>	<input type="checkbox"/>
(other) Report of Spud Date	

5. LEASE
U-49430

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Federal

9. WELL NO.
14-35-D

10. FIELD OR WILDCAT NAME
Pleasant Valley

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 35, T.8S., R.18E.

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

14. API NO.
43-047-31423

15. ELEVATIONS (SHOW DF, KDB, AND WD)
4809' Un. Gr.

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Operator reports the **spudding of the subject well at 3:45 p.m. January 12, 1984, by Parker Air Drilling (dryhole)**. A 12 $\frac{1}{4}$ " hole was drilled to 300' and 8-5/8" surface casing set. Olsen Rig 5 (rotary) will be moving on location approximately January 18, 1984.

Spud date reported orally to Vernal District, BLM, and Salt Lake City, BLM January 13, 1984.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Rick Canterbury TITLE Assoc. Petr. Engr. DATE January 13, 1984

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

cc: BLM, Vernal & Salt Lake City; Div. OG&M; Chorney; DeGolyer; Operations; Land;
E. R. Henry; S. Furtado

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☒ gas ☐ other ☐
well well
2. NAME OF OPERATOR
Natural Gas Corporation of California
3. ADDRESS OF OPERATOR
85 South 200 East, Vernal, UT 84078
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 369' FSL, 1085' FWL (SW $\frac{1}{4}$ SW $\frac{1}{4}$)
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐

SUBSEQUENT REPORT OF:

☐
☐
☐
☐
☐
☐
☐
☐

(other) Report Commencement of Rotary Drilling Operations

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Operator reports the commencement of rotary drilling operations on January 24, 1984, by Olsen Drilling Rig #5.

CONFIDENTIAL

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Rick Canterbury TITLE Associate Engr. DATE January 25, 1984
Rick Canterbury

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

cc: BLM-Vernal; BLM-SLC; Div. OG&M; Chorney; DeGolyer; Operations; Land; ERHenry; SFurtado

CONFIDENTIAL

February 6, 1984

Bureau of Land Management
Branch of Fluid Minerals
Vernal District
170 South 500 East
Vernal, UT 84078

Chief, Branch of Fluid Minerals
Utah State Office
Bureau of Land Management
University Club Building
136 East South Temple
Salt Lake City, UT 84111

Division of Oil, Gas & Mining
4241 State Office Building
Salt Lake City, UT 84114

Re: NGC #14-35-D Federal
SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 35, T.8S., R.18E.
Uintah County, UT
Pleasant Valley area

Mr. Sam Boltz, Jr.
Chorney Oil Company
555 17th Street, Suite 1000
Denver, CO 80202-3910

Mr. John Baker
DeGolyer & MacNaughton
No. 1 Energy Square
Dallas, TX 75206

RECEIVED
FEB 9 1984

DIVISION OF
OIL, GAS & MINING

Gentlemen:

Attached are copies of Form 9-331, Sundry Notices and Reports on Wells, Report of Change in Casing Program, for the subject well.

Sincerely,

William A. Ryan

William A. Ryan
Petroleum Engineer

/kh

Attachment

cc: Operations
Land Dept.
E. R. Henry
S. Furtado

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☒ well gas ☐ well other ☐2. NAME OF OPERATOR
Natural Gas Corporation of California3. ADDRESS OF OPERATOR
85 South 200 East, Vernal, UT 840784. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 369' FSL, 1085' FWL Sec. 35, T.8S.
AT TOP PROD. INTERVAL: R.18E.
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐
(other) Change casing program☐
☐
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☐

CONFIDENTIAL

NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Operator reports changing casing program per verbal approval received 2/2/84 from Jerry Kenozka, Vernal BLM. Operator ran 17#, N-80, 5½" - not 15.5#, K-55 5½" as approved in the A.P.D.

RECEIVED
FEB 9 1984DIVISION OF
OIL, GAS & MINING

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED William A. Ryan TITLE Petroleum Engineer DATE February 6, 1984
William A. Ryan

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:cc: BLM-Vernal; BLM-SLC; Div. OG&M; DeGolyer; Chorney; Operations; Land; ERHenry;
SFurtado

NATURAL GAS CORPORATION
OF CALIFORNIA

NGC 14-350 FEDERAL



Geoservices, Inc.
logging

701 Bradfield
Houston, TX 77060
(713) 820-5908
TLX • 792699

4860 Ironton St., Suite F
Denver, CO 80239
(303) 371-5120
TLX • 454360

CONFIDENTIAL



NATURAL GAS CORPORATION
OF CALIFORNIA

NGC 14-35D FEDERAL

1089' FWL, 369' FSL, SW SW
SEC. 35, T 8S, R 18E
UINTAH COUNTY, UTAH

MUD LOGGING
DATA

RECEIVED
MAR 2 1984

**DIVISION OF
OIL, GAS & MINING**

4880 IRONTON STREET
SUITE A
DENVER, CO 80239
(303) 371-5120

14902 HENRY ROAD
HOUSTON, TX 77060
(713) 820-5908

141 E. PORT HUENEME RD.
PORT HUENEME, CA 93041
(805) 488-6497

TIGHT HOLE

	CONTENTS	PAGE
SECTION 1:	INTRODUCTION	1
SECTION A:	GEOLOGICAL REPORT	2
SECTION B:	ENGINEERING REPORT	4
APPENDIX I	FORMATION TOPS	6
APPENDIX II:	BIT RECORD	7
APPENDIX III:	DEVIATION SURVEYS	8
APPENDIX IV:	MIDNIGHT DEPTHS	9

SECTION I:

INTRODUCTION

WELL NAME:	NGC 14-35D FEDERAL
LOCATION:	1089' FWL, 369' FSL SW SW, SEC. 35 T 8S, R 18E UINTAH CO., UTAH
GROUND ELEVATION:	4816' EST.
KELLY BUSHING:	4830'
DRILLING CONTRACTOR:	OLSEN DRILLING CO. RIG #5
OPERATOR:	NATURAL GAS CORPORATION OF CALIFORNIA
MUD COMPANY:	RUNNELS MUD COMPANY
MUD LOGGING:	GEOSERVICES, INC.
MUD LOGGERS:	CURT TANDY TERRY THYER
LOGGING COMPANY:	SCHLUMBERGER
LOGGED INTERVAL:	3500-6190'

SECTION A:

GEOLOGICAL REPORT

3500-5374' The Delta Facies of the Green River Formation, down to 4040', consisted of limestone, dolomite, shale, siltstone and sandstones. The Green Shale Facies at 4040' consisted of some limestone, dolomite, shale, siltstones and sandstones. The limes were generally white, light gray, microcrystalline and dense. The dolomites were brown, light gray, greenish brown, microcrystalline, and moderately argillaceous, grading to shales in part. The shales were green, gray and dolomitic. The siltstones and sandstones were similar in character and graded into each other, typically being white, dolomitic, clean, with no visible porosity. Fluorescence was seen at 4300-4320' and 4530-4560' where the sands had an even light brown oil stain, pale yellow fluorescence and moderate to slow cut. At 5120-5160' sand in sample showed pale yellow green fluorescence with slow streaming cut. Free oil was seen in the sample and in the pits. Gas here showed a slight increase and a minor drill break occurred at 5152-5160'.

5374-6080' This interval consisted of the Black Shale Facies of the Green River Formation. It contained interbedded limestone, dolomite, shale, siltstone and sandstone. The limestone was predominantly dark brown. The Green River Lime at 5934' was earthy, blocky and moderately

to very argillaceous. The dolomite was light brown to tan, microcrystalline, blocky, moderately argillaceous, and tight. The shale was typically dark gray to black and moderately to very carbonaceous. The siltstones were white, and sandy, grading to very fine sandstones. The sandstones were fine grained, with calcareous cement, friable with no fluorescence except at 5560-5580' where weak fluorescence and moderate yellow cut was detected.

6080-6190' The Wasatch Formation topped at 6080'. It consisted of shale, siltstone and sandstone. The shale was light green, reddish brown, gray, moderately calcareous, and well indurated. The siltstone was light gray, calcareous, sandy and slightly argillaceous. The sands were clear, fine grained, well sorted and tight with no fluorescence.

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SECTION B:

ENGINEERING REPORT

3500-5374' Background gas 100-200 units with no C2. Connection gas averaged 200 units over background. Gas increased 100 units to 200 over the show interval at 5154' with C2 present at .18% and no C3. The drill rate ranged from 1 to 3 1/2 minutes per foot except at 4210' where Bit #3 was severely damaged prior to coming out. One whole cone and one nose cone were lost off this bit, probably damaged by junk in the hole from a jet lost on Bit #1. All junk was recovered at this point. Bit #4 slowed to 1 to 6 minutes per foot from 4770-4984' where it came out severely damaged with one cone hanging loose. Sands drilled at 1 to 1 1/2 minutes per foot, shales and dolomites at 2 to 3 minutes per foot. The drilling fluid was water.

5374-6080' Background gas was 200 units with no C2. Connection gas was intermittent and averaged 50 units over background. No major increases were detected. The drill rate ranged from 1 to 2 minutes per foot. The shales drilled at 1 to 2 minutes per foot depending on degree of induration. The Green River Lime drilled at 1 minute per foot. Chloride levels increased steadily in the drilling water up to 4000 ppm in this interval

indicating some salts present but impossible to locate.

6080-6190' The background gas held at 200 units with no connection gas. The drill rate ranged from 2 1/2 to 3 minutes per foot. Bit #5 came out with nominal wear at TD.

APPENDIX I:

FORMATION TOPS

FORMATION	DEPTH
Green River	1532'
Green Shale Facies	4040'
Black Shale Facies	5374'
Green River Lime	5934'
Wasatch Formation	6080'

TIGHT HOLE

APPENDIX II:

BIT RECORD

BIT #1	DEPTH:	300-827'
	TYPE:	REED HPSM, 7 7/8"
	CONDITION:	1 JET LOST
	PERIOD:	13 HOURS
BIT #2	DEPTH:	827-3621'
	TYPE:	HTC J-33, 7 7/8"
	CONDITION:	6,7,I
	PERIOD:	58 HOURS
BIT #3	DEPTH:	3621-4212'
	TYPE:	REED HPSM, 7 7/8"
	CONDITION:	8,8,1/4
		1 CONE & 1 NOSE CONE
		LOST AND RECOVERED
	PERIOD:	NOT LISTED
BIT #4	DEPTH:	4212-4982'
	TYPE:	REED HPSM, 7 7/8"
	CONDITION:	8,8,I
	PERIOD:	30 3/4 HOURS
BIT #5	DEPTH:	4982-6190'
	TYPE:	STC F-4, 7 7/8'
	CONDITION:	3,3,I
	PERIOD:	40 HOURS

APPENDIX III:

DEVIATION SURVEYS

DEPTH	DEGREE
6190'	2 1/4

APPENDIX IV:

MIDNIGHT DEPTHS

DATE	DEPTH
JANUARY 26, 1984	COMMENCE LOGGING AT 3500'-3621'
JANUARY 27	4132'
JANUARY 28	4546'
JANUARY 29	4847'
JANUARY 30	5192'
JANUARY 31	5934'
FEBRUARY 1	TD AT 6190'

*Natural Gas
Corporation of
California*

NGC NGC NGC NGC NGC NGC NGC NGC NGC NGC NGC NGC NGC NGC NGC

February 29, 1984

Ms. Claudia Jones
Division of Oil, Gas and Mining
4241 State Office Building
Salt Lake City, Utah 84114

RECEIVED
MAR 2 1984

**DIVISION OF
OIL, GAS & MINING**

Dear Claudia:

Enclosed is the mud log and the geological report for the
NGC 14-35D (SWSW, Sec. 35, T.8S.-R.18E., Uintah County, Utah).
Please consider this information confidential as previously
requested for this well.

Thank you.

Sincerely,

David Richards

David Richards

Enc.
DR:ps

CONFIDENTIAL

April 6, 1984

Bureau of Land Management
Branch of Fluid Minerals
Vernal District
170 South 500 East
Vernal, UT 84078

Chief, Branch of Fluid Minerals
Utah State Office
Bureau of Land Management
University Club Building
136 East South Temple
Salt Lake City, UT 84111

Division of Oil, Gas & Mining
4241 State Office Building
Salt Lake City, UT 84114

Re: NGC #14-35-D Federal
SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 35, T.8S., R.18E.
Uintah County, UT
Pleasant Valley area

Mr. Sam Boltz, Jr.
Chorney Oil Company
555 17th Street, Suite 1000
Denver, CO 80202-3910

Mr. John Baker
DeGolyer & MacNaughton
No. 1 Energy Square
Dallas, TX 75206

RECEIVED

APR 9 1984

DIVISION OF
OIL, GAS & MINING

Gentlemen:

Attached are copies of Form 3160-4, Well Completion or Recompletion Report and Log, for the subject well.

Sincerely,

William A. Ryan
William A. Ryan
Petroleum Engineer

/kh

Attachment

cc: P. Roberts	J. M. Kunz
Land Dept.	M. Clarke
L. Jorgensen	I. Chai
S. Furtado	E. Hadsell
R. Boschee	
P. Smith	

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL
SUBMIT IN DUPLICATE
(See other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

7
13

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____		5. LEASE DESIGNATION AND SERIAL NO. U-49430																																								
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME _____																																								
2. NAME OF OPERATOR Natural Gas Corporation of California		7. UNIT AGREEMENT NAME _____																																								
3. ADDRESS OF OPERATOR 85 South 200 East, Vernal, UT 84078		8. FARM OR LEASE NAME Federal																																								
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 369' FSL, 1085' FWL (SW $\frac{1}{4}$ SW $\frac{1}{4}$) At top prod. interval reported below At total depth		9. WELL NO. 14-35-D																																								
14. PERMIT NO. 43-047-31423		DATE ISSUED 12-20-83																																								
15. DATE SPUDDED 1/12/84		16. DATE T.D. REACHED 2/4/84																																								
17. DATE COMPL. (Ready to prod.) 3/8/84		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 4809 GR																																								
19. ELEV. CASINGHEAD		10. FIELD AND POOL, OR WILDCAT Eight mile flat North Pleasant Valley																																								
20. TOTAL DEPTH, MD & TVD 6185		21. PLUG, BACK T.D., MD & TVD 5377																																								
22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY → 0 - T.D.																																								
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4958 - 5237 Green River		25. WAS DIRECTIONAL SURVEY MADE No																																								
26. TYPE ELECTRIC AND OTHER LOGS RUN Cyberlook, Dual Ind., CNL-Litho Density, Prox-Microlog, CBL		27. WAS WELL CORED No																																								
28. CASING RECORD (Report all strings set in well)																																										
<table border="1"><thead><tr><th>CASINO SIZE</th><th>WEIGHT, LB./FT.</th><th>DEPTH SET (MD)</th><th>HOLE SIZE</th><th>CEMENTING RECORD</th><th>AMOUNT PULLED</th></tr></thead><tbody><tr><td>8-5/8</td><td>32</td><td>312</td><td>12-1/4</td><td>227 sx. "G"</td><td></td></tr><tr><td>5-1/2</td><td>17</td><td>5500</td><td>7-7/8</td><td>805 sx.</td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr></tbody></table>				CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED	8-5/8	32	312	12-1/4	227 sx. "G"		5-1/2	17	5500	7-7/8	805 sx.																						
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30. TUBING RECORD																																										
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2-7/8	5265																																									
31. PERFORATION RECORD (Interval, size and number)																																										
<table border="1"><tbody><tr><td>5234-37</td><td>1SPF</td><td>5082-84</td><td>2SPF</td></tr><tr><td>5223-27</td><td>1SPF</td><td>4958-66</td><td>3SPF</td></tr><tr><td>5146-60</td><td>1SPF</td><td></td><td></td></tr><tr><td>5132-34</td><td>3SPF</td><td></td><td></td></tr><tr><td>5115-20</td><td>3SPF</td><td></td><td></td></tr></tbody></table>				5234-37	1SPF	5082-84	2SPF	5223-27	1SPF	4958-66	3SPF	5146-60	1SPF			5132-34	3SPF			5115-20	3SPF																					
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5146-60	1SPF																																									
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32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.																																										
<table border="1"><thead><tr><th>DEPTH INTERVAL (MD)</th><th>AMOUNT AND KIND OF MATERIAL USED</th></tr></thead><tbody><tr><td>See attached</td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr></tbody></table>				DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED	See attached																																				
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See attached																																										
33.* PRODUCTION																																										
<table border="1"><thead><tr><th>DATE FIRST PRODUCTION</th><th>PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)</th><th>WELL STATUS (Producing or shut-in)</th></tr></thead><tbody><tr><td>3/8/84</td><td>Pumping Axelson - 1$\frac{1}{2}$" - 2$\frac{1}{2}$" x 1$\frac{1}{2}$" x 16'</td><td>Prod.</td></tr><tr><td>DATE OF TEST</td><td>HOURS TESTED</td><td>CHOKE SIZE</td></tr><tr><td>3/27/84</td><td>24</td><td></td></tr><tr><td>PROD'N. FOR TEST PERIOD</td><td>OIL—BBL.</td><td>GAS—MCF.</td></tr><tr><td>→</td><td>60</td><td>25 est.</td></tr><tr><td>WATER—BBL.</td><td>GAS—MCF.</td><td>WATER—BBL.</td></tr><tr><td>90</td><td>25 est.</td><td>90</td></tr><tr><td>FLOW. TUBING PRESS.</td><td>CASING PRESSURE</td><td>CALCULATED 24-HR. RATE</td></tr><tr><td>0</td><td>350</td><td>→</td></tr><tr><td>OIL—BBL.</td><td>GAS—MCF.</td><td>WATER—BBL.</td></tr><tr><td>60</td><td>25 est.</td><td>90</td></tr><tr><td>OIL GRAVITY-API (CORR.)</td><td></td><td></td></tr></tbody></table>				DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)	3/8/84	Pumping Axelson - 1 $\frac{1}{2}$ " - 2 $\frac{1}{2}$ " x 1 $\frac{1}{2}$ " x 16'	Prod.	DATE OF TEST	HOURS TESTED	CHOKE SIZE	3/27/84	24		PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	→	60	25 est.	WATER—BBL.	GAS—MCF.	WATER—BBL.	90	25 est.	90	FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HR. RATE	0	350	→	OIL—BBL.	GAS—MCF.	WATER—BBL.	60	25 est.	90	OIL GRAVITY-API (CORR.)		
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60	25 est.	90																																								
OIL GRAVITY-API (CORR.)																																										
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) vented																																										
35. LIST OF ATTACHMENTS																																										

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Wm B Ryan TITLE Petroleum Engineer DATE April 5, 1984
William A. Ryan

(See Instructions and Spaces for Additional Data on Reverse Side)



GEOLOGIC MARKERS

C.

()

April 5, 1984
NGC #14-35-D Federal
Sec. 35, T.8S., R.18E.
Uintah County, Utah

32. Acid, Shot, Fracture, Cement Squeeze, Etc.:

Broke down intervals @ 5082-5237 w/250 gal. 15% HCL and 2% KCL water. Ran Howco Versagel frac avg. 45.0 BPM @ 2000# max 48.0 BPM @ 2640# 2047 bbls. water 324,000# 20/40 sand.

Broke down intervals @ 4958-66 w/250 gal. 15% HCL and 2% KCL water. Ran Howco Versagel frac avg. 25 BPM @ 1700# max 27.7 @ 2100# frac. Grad. .76 500 bbls. H2O 46,000# 20/40 sand.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> Salt Water Disposal well	
2. NAME OF OPERATOR DIAMOND SHAMROCK EXPLORATION COMPANY	
3. ADDRESS OF OPERATOR P. O. DRAWER 'E', VERNAL, UTAH 84078	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1980' FEL and 660' FSL (SW/SE)	
14. PERMIT NO.	15. ELEVATIONS (Show whether OF, RT, GR, etc.) 4758' GL

5. LEASE DESIGNATION AND SERIAL NO. U-017992
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME Pariette Bench
9. WELL NO. ✓ #4
10. FIELD AND POOL, OR WILDCAT Pariette Bench Field
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 7, T9S, R19E
12. COUNTY OR PARISH Uintah
13. STATE Utah

RECEIVED

SEP 6 1984

DIVISION OF OIL
GAS & MINING

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	MULTIPLE COMPLETE	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	ABANDON*	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>
(Other) Dispose of water for Other Operators	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>

SUBSEQUENT REPORT OF:

WATER SHUT-OFF	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
FRACTURE TREATMENT	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
SHOOTING OR ACIDIZING	<input type="checkbox"/>	ABANDONMENT*	<input type="checkbox"/>
(Other)	<input type="checkbox"/>		<input type="checkbox"/>

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

DIAMOND SHAMROCK EXPLORATION COMPANY has reached an agreement with Natural Gas Corporation of California concerning the disposal of produced water from wells in the Eight Mile Flat/ Pariette Bench area. NGC now has our approval to dispose of water from the following wells into the Pariette Bench #4.

WELL	WATER VOLUME	LOCATION	FEDERAL LEASE #
NGC Federal #14-35D ✓	6.2 BWPD	SW/SE Sec. 35, T8S, R18E	U-49430
NGC Federal #32-29I ✓	17.2 BWPD	SW/NE Sec. 29, T8S, R18E	U-19267
NGC Federal #42-34D ✓	39.9 BWPD	SE/NE Sec. 34, T8S, R18E	U-51081

Other operators have approached DIAMOND SHAMROCK EXPLORATION CO., seeking permission to dispose of water from their wells in this area. We are now evaluating these requests and making legal arrangements. The State of Utah and the BLM will be notified if other water will be injected.

18. I hereby certify that the foregoing is true and correct

SIGNED

JERRY A. ROKK

TITLE

Production Engineer

DATE

August 4, 1984

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

Form approved
Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

U-49430

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

14-35-D

10. FIELD AND POOL, OR WILDCAT

Pleasant Valley

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 35, T.8S., R.18E.

12. COUNTY OR PARISH

Uintah

13. STATE

Utah

SUNDRY NOTICES AND REPORTS ON WELLS
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR
Natural Gas Corporation of California

3. ADDRESS OF OPERATOR
85 South 200 East, Vernal, UT 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

369' FSL 1085' FWL SW $\frac{1}{4}$ SW $\frac{1}{4}$ Section 35, T.8S., R.18E.

14. PERMIT NO.

43-047-31423

15. ELEVATIONS (Show whether OF, RT, CR, etc.)

4809' UN. GR.

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other) Request Temporary Surface Pit ☒

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Operator requests an unlined surface pit per NTL-2B, Sec. VI. The subject pit would be used as a blow down pit when the well is flow tested.

If you require additional information, please contact me at our Vernal office - telephone 789-4573.

RECEIVED
NOV 23 1984

DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

William A. Ryan

TITLE

Petroleum Engineer

DATE

November 15, 1984

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

Federal approval of this action is required before commencing operations.

TITLE

ACCEPTED
APPROVED BY THE STATE

OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE

11/20/84

*See Instruction

BY: R. B. Bays

Natural Gas
Corporation of
California

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DEC 03 1986

DIVISION OF
OIL, GAS & MINING

December 2, 1986

Bureau of Land Management
Vernal District
170 South 500 East
Vernal, Utah 84078

State of Utah
~~Division of Oil, Gas & Mining~~
555 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Re: Request to Suspend Production Operations
NGC Well #14-35-D
SW/SW Sec. 35, T.8S., R.18E.
Uintah County, UT

Gentlemen,

Attached is form 3160-5, "Sundry Notices and Reports of Wells", request-
ing permission to suspend production for the subject well.

If you need more information, please contact our Vernal office.

Very truly yours,

Karla Hanberg
Karla Hanberg

cc: S. Furtado (Rm 1449)
L. Jorgensen (Rm 1421)
W. G. Paulsell (Rm 1428)
Connie Wales
Jt Interest Partners
Files

85 South 200 East
Vernal, Utah 84078
(801) 789-4573

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPL
(Other instructions
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-49430
2. NAME OF OPERATOR Natural Gas Corporation of California		6. IF INDIAN, ALLOTTEE OR TRIBE NAME 121005
3. ADDRESS OF OPERATOR 85 South 200 East, Vernal, UT 84078		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 369' FSL, 1085' FWL, SW/SW, Sec. 35, T.8S., R.18E.		8. FARM OR LEASE NAME Federal
14. PERMIT NO. 43-047-31423		9. WELL NO. 14-35-D
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4809' Un. Gr.		10. FIELD AND POOL, OR WILDCAT Eight Mile Flat North
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 35, T8S, R18E
		12. COUNTY OR PARISH 13. STATE

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	(Other) <input type="checkbox"/>
(Other) Suspend Production <input checked="" type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

Operator requests permission to suspend production for the subject well. Due to the current fluctuation in oil prices, it is no longer economical to produce this well.

Attached is an economic evaluation showing this well has not been economical since September, 1985.

RECEIVED
DEC 03 1986

DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED C. M. Heddleson TITLE Production Supt. DATE 12/1/86
C. M. Heddleson
(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

01-Dec-86 EFH

WELL ECONOMIC EVALUATION: PLEASANT VALLEY 14-35-D

NBC WI: 0.75
NBC RI: 0.579375
OIL API: 31.7

PROD TAX 0.0421
SEV TAX 0.0271
FED TAX 0.2

MONTH	OIL DBL	GAS MCF	GROSS \$	OP. COSTS \$	OVERHEAD \$	TAX			TOTAL NBC NET \$	ACTUAL ^ OIL PRICE AFTER DEDUCTS
						PROD.	SEVERENCE	FEDERAL		
						\$	\$	\$		
Jan-85	185	0	\$4,152	\$2,618	\$399	\$175	\$108	\$250	\$142	22.442
Feb-85	237	0	\$5,202	\$2,593	\$372	\$219	\$135	\$451	\$558	21.950
Mar-85	269	0	\$5,905	\$1,435	\$372	\$249	\$153	\$814	\$1,526	21.950
Apr-85	232	0	\$5,092	\$1,508	\$382	\$214	\$132	\$648	\$1,159	21.950
May-85	185	0	\$4,061	\$1,272	\$681	\$171	\$105	\$502	\$985	21.950
Jun-85	207	0	\$4,544	\$1,862	\$382	\$191	\$118	\$474	\$744	21.950
Jul-85	189	0	\$4,149	\$1,211	\$382	\$175	\$108	\$531	\$981	21.950
Aug-85	180	0	\$3,951	\$1,613	\$382	\$166	\$103	\$414	\$663	21.950
Sep-85	158	0	\$3,468	\$2,675	\$382	\$146	\$90	\$111	(\$162)	21.950
Oct-85	158	0	\$3,468	\$1,476	\$382	\$146	\$90	\$351	\$557	21.950
Nov-85	156	0	\$3,424	\$1,593	\$382	\$144	\$89	\$320	\$470	21.950
Dec-85	104	0	\$2,283	\$1,640	\$382	\$96	\$59	\$97	(\$2)	21.950
Jan-86	70	0	\$1,489	\$4,175	\$382	\$63	\$39	\$0	(\$2,249)	21.273
Feb-86	162	0	\$2,685	\$9,458	\$382	\$113	\$70	\$0	(\$5,579)	16.575
Mar-86	156	0	\$1,703	\$4,505	\$382	\$72	\$44	\$0	(\$2,383)	10.918
Apr-86	137	0	\$1,267	\$1,575	\$382	\$53	\$33	\$0	(\$416)	9.250
May-86	152	0	\$1,427	\$1,139	\$416	\$60	\$37	\$38	(\$25)	9.385
Jun-86	133	0	\$1,370	\$1,171	\$399	\$58	\$36	\$21	(\$71)	10.390
Jul-86	116	0	\$1,116	\$1,247	\$399	\$47	\$29	\$0	(\$246)	9.623
Aug-86	147	0	\$1,444	\$2,431	\$399	\$61	\$37	\$0	(\$961)	9.824

^ Chevrans average price for that month less deductions for 32 API crude.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or to back to a different reservoir.
Use "APPLICATION FOR PERMIT" for proposals.)

JAN 25 1988

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐
2. NAME OF OPERATOR
Natural Gas Corporation of California
3. ADDRESS OF OPERATOR
Four Embarcadero Center, Suite 1400, San Francisco, CA 94111
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)
At surface

369' FSL 1085' FWL SW $\frac{1}{4}$ SW $\frac{1}{4}$ Section 35, T.8S., R.18E.

14. PERMIT NO.
43-047-31423
15. ELEVATIONS (Show whether DV, WT, GR, etc.)
4809' UN. GR.

5. LEASE DESIGNATION AND SERIAL NO.
U-49430 \$ SOW-GRPV
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
Federal
9. WELL NO.
14-35-D
10. FIELD AND POOL, OR WILDCAT
Pleasant Valley
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 35, T.8S., R.18E.
12. COUNTY OR PARISH
Uintah
13. STATE
Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>	WATER SHUT-OFF	<input type="checkbox"/>
FRACUTURE TREAT	<input type="checkbox"/>	FRACUTURE TREATMENT	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	SHOOTING OR ACIDIZING	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	(Other)	<input type="checkbox"/>
(Other) Change of Operator.	<input checked="" type="checkbox"/>	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Effective immediately operator designates Wildrose Resources Corporation, 2555 Cherryridge Road, Englewood, CO 80110, as operator of the subject well.

18. I hereby certify that the foregoing is true and correct

SIGNED H. G. Culp

TITLE Attorney-in-Fact

DATE Dec. 22, 1987

(This space for Federal or State office use)

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

*See Instructions on Reverse Side



WILDROSE RESOURCES CORPORATION

FAX TRANSMITTAL SHEETDATE: 10/28/96

TO:

COMPANY: Utah O.I., Gas & Mining Div.ATTN: LishaFAX #: 801-359-3940

FROM: WILDROSE RESOURCES CORPORATION

Kerry Kattenbecher

FAX # (303) 770-6568

PHONE # (303) 770-6566

NUMBER OF PAGES (Including Cover Sheet): 4COMMENTS: 3 Entify Action Forms. covering
12 wells into Pariette Unit

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM - FORM 6

OPERATOR Wildrose Resources Corporation
ADDRESS 4949 South Albion Street
Littleton, CO 80121

OPERATOR ACCT. NO. N 9660

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG			
	00390	12021	4304731346	Fed. 1-34	SE/SE	34	8S	18E	Uintah		9/1/96
WELL 1 COMMENTS: Group w/ Parrette GRRU Entity Entities c'd'd 10-29-96. Lee											
	00391	12021	4304731347	Fed. 2-34	SW/SE	34	8S	18E	Uintah		9/1/96
WELL 2 COMMENTS: Group w/ Parrette GRRU Entity											
	00392	12021	4304731497	Fed. 3-34	NE/SW	34	8S	18E	U.atah		9/1/96
WELL 3 COMMENTS: Group w/ Parrette GRRU Entity											
	06052	12021	4304731410	Fed. 43-34D	NE/SE	34	8S	18E	U.atah		9/1/96
WELL 4 COMMENTS: Group w/ Parrette GRRU Entity											
	06061	12021	4304731423	Fed. 14-35D	SW/SW	35	8S	18E	U.atah		9/1/96
WELL 5 COMMENTS: Group w/ Parrette GRRU Entity											

ACTION CODES (See Instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)

Kary Kettner
Signature
V. P. : 10/20/96
Title Date
Phone No. (303) 770-6566

STATE OF UTAH
 DIVISION OF OIL, GAS AND MINING
 ENTITY ACTION FORM -- FORM 6

OPERATOR Wildrose Resources Corporation
 ADDRESS 4949 South Alton Street
Littleton, CO 80121

OPERATOR ACCT. NO. 119660

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					Q	S	T	R			
	12021	06178	4304731529	Fed. 33-34D	NWSE	E	8S	18E	Utah		9/1/96
WELL 1 COMMENTS: Group w/ Parlette SRRV Entity Entities chg'd 10-29-96											
	12021	06181	4304731208	Fed 13-35 D	NWSE	E	8S	18E	Utah		9/1/96
WELL 2 COMMENTS: Group w/ Parlette SRRV Entity											
	12021	06197	4304731458	Fed 42-34D	SENE	E	8S	18E	Utah		9/1/96
WELL 3 COMMENTS: Group w/ Parlette SRRV Entity											
	12021	07580	4304731454	Fed. 1-35	SENE	E	8S	18E	Utah		9/1/96
WELL 4 COMMENTS: Group w/ Parlette SRRV Entity											
	12021	09640	4304731456	Fed. 3-35	SENE	E	8S	18E	Utah		9/1/96
WELL 5 COMMENTS: Group w/ Parlette SRRV Entity											

WELL COMMENTS (See instructions on back of form)

- A - Establish new entity for new well - single well only
- B - Add new well to existing entity (group or unit well)
- C - Reassign well from one existing entity to another existing entity
- D - Reassign well from one existing entity to a new entity
- E - Other - explain in comments section

NOTE: Use COMMENT section to explain why each Action Code was selected.

(2-19)

Kerry Kittenbach
 Signature
 V.P.
 Title
 Date 9/20/96
 Phone No. (303) 770-6566

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM - FORM 6

OPERATOR Wildrose Resources Corporation
ADDRESS 4949 South Albion Street
Littleton, CO 80121

OPERATOR ACCT. NO. 11 9660

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
	12021	09715	4304731455	Fed. 2-35	SE/NW	35	8S	18E	Uintah		9/8/96
WELL 1 COMMENTS: Group w/ Pariaette GRRU Entity Entities cly'd 10-29-96. Lec											
	12021	70525	4304731637	Fed. 24-34D	SE/SW	34	8S	18E	Uintah		9/1/96
WELL 2 COMMENTS: Group w/ Pariaette GRRU Entity											
											9/1/96
WELL 3 COMMENTS: Group w/ Pariaette GRRU Entity											
											9/1/96
WELL 4 COMMENTS: Group w/ Pariaette GRRU Entity											
											9/1/96
WELL 5 COMMENTS: Group w/ Pariaette GRRU Entity											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENTS section to explain why each Action Code was selected.

(3/89)

Kary Ketterbeck
Signature
V. P.
Title
Date 10/20/96
Phone No. (303) 770-6566

FROM : Wildrose Resources Corporation PHONE NO. : 303 770 6568

Oct. 29 1996 05:11PM P2

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: See Attached Exhibit
2. NAME OF OPERATOR: Inland Production Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 1401 17th St. #1000 CITY Denver STATE Co ZIP 80202		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: COUNTY: QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: STATE: UTAH		8. WELL NAME and NUMBER: See Attached Exhibit
PHONE NUMBER: (303) 893-0102		9. API NUMBER:
		10. FIELD AND POOL, OR WILDCAT:

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON	
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE	
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____	
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION		

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective 4/15/04, Inland Production Company, as Contract Operator, will take over operations of the attached referenced wells. The previous operator was:

Wildrose Resources Corporation
3121 Cherryridge Road
Englewood, Colorado 80110-6007

Effective 4/15/04, Inland Production Company, as Contract Operator, is responsible under the terms and conditions of the leases for operations conducted on the leased lands or a portion thereof under BLM Bond No. UT0056 issued by Hartford.

Attached is a list of wells included.

Previous Operator Signature:

Title:

NAME (PLEASE PRINT) Marc MacAluso

TITLE CEO, Wildrose Resources Corporation

SIGNATURE

DATE

4/15/04

(This space for State use only)

RECEIVED

MAY 06 2004

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ OTHER _____

2. NAME OF OPERATOR:
Inland Production Company

3. ADDRESS OF OPERATOR:
1401 17th St. #1000 CITY Denver STATE Co ZIP 80202

PHONE NUMBER:
(303) 893-0102

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

COUNTY:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective 4/15/04, Inland Production Company, as Contract Operator, will take over operations of the attached referenced wells. The previous operator was:

Wildrose Resources Corporation
3121 Cherryridge Road
Englewood, Colorado 80110-6007

Effective 4/15/04, Inland Production Company, as Contract Operator, is responsible under the terms and conditions of the leases for operations conducted on the leased lands or a portion thereof under BLM Bond No. UT0056 issued by Hartford.

Attached is a list of wells included.

Current Contract Operator Signature:

Title:

NAME (PLEASE PRINT) Bill I. Pennington

TITLE President, Inland Production Company

SIGNATURE

Bill I. Pennington

DATE

4/15/04

(This space for State use only)

RECEIVED

MAY 06 2004

DIV. OF OIL, GAS & MINING

EXHIBIT "A"
Attached to Sundry Notices

Wildrose Resources Corporation
and
Inland Production Company

Unit	API	Well	Comp.	Elev.	Loc.	S	1/4 1/4	Twp	Rng	Co.	Lease	Type
N	4304731528	REX LAMB 34-1	WR	4932* GR	2116 FNL 2132 FEL	34	SWNE	040S	010E	UTA	FEE	OW
N	4304731692	REX LAMB 34-2	WR	4932* GR	2018 FNL 1068 FEL	34	SENE	040S	010E	UTA	FEE	OW
N	4301331914	HARBOURTOWN FED 21-33	WR	5129* GR	0513 FNL 1938 FWL	33	NENW	080S	170E	DU	U-71368	OW
N	4301331915	HARBOURTOWN FED 42-33	WR	5128* GR	1954 FNL 0851 FEL	33	SENE	080S	170E	DU	U-71368	OW
N	4301331916	HARBOURTOWN FED 23-34	WR	5088* GR	1943 FSL 2162 FWL	34	NESW	080S	170E	DU	U-71368	OW
N	4301331917	HARBOURTOWN FED 44-34	WR	5063* GL	0835 FSL 0500 FEL	34	SESE	080S	170E	DU	U-71368	OW
N	4304732080	FEDERAL #23-26	WR	4910* KB	2113 FSL 1844 FWL	26	NESW	080S	180E	UTA	U-36442	OW
N	4304732700	FEDERAL 24-26	WR	4913* GR	0660 FSL 1980 FWL	26	SESW	080S	180E	UTA	U-36442	OW
N	4304732720	FEDERAL 13-26	WR	4905* GR	2018 FSL 0832 FWL	26	NWSW	080S	180E	UTA	U-36442	OW
N	4304732731	FEDERAL 12-26	WR	4924* GR	2956 FSL 0470 FWL	26	SWNW	080S	180E	UTA	U-36442	GW
N	4304732847	FEDERAL 34-26	WR	4907* GR	0741 FSL 1957 FEL	26	SWSE	080S	180E	UTA	U-75532	OW
N	4304732732	FEDERAL 43-27	WR	4862* GR	1917 FSL 0559 FEL	27	NESE	080S	180E	UTA	U-36442	OW
N	4304732733	FEDERAL 14-28	WR	4902* GR	0860 FSL 0846 FWL	28	SWSW	080S	180E	UTA	U-51081	OW
N	4304732743	FEDERAL 13-28	WR	4955* GR	2007 FSL 0704 FWL	28	NWSW	080S	180E	UTA	U-36442	OW
N	4304731464	PARIETTE FED 10-29	WR	4890* GR	1843 FSL 2084 FEL	29	NWSE	080S	180E	UTA	U-51081	OW
N	4304731550	W PARIETTE FED 6-29	WR	4892* GR	1978 FNL 2141 FWL	29	SENE	080S	180E	UTA	U-36846	OW
N	4304732079	FEDERAL 44-29	WR	4993* KB	0660 FSL 0660 FEL	29	SESE	080S	180E	UTA	U-51081	OW
N	4304732701	FEDERAL 43-29	WR	4886* GR	1904 FSL 0710 FEL	29	NESE	080S	180E	UTA	U-51081	OW
N	4304732742	FEDERAL 34-29	WR	4917* GR	0712 FSL 1925 FEL	29	SWSE	080S	180E	UTA	U-51081	OW
N	4304732848	PARIETTE FED 32-29	WR	4870* GR	1942 FNL 1786 FEL	29	SWNE	080S	180E	UTA	U-36846	OW
N	4304731116	NGC ST 33-32	WR	4930* GR	1914 FSL 1911 FEL	32	NWSE	080S	180E	UTA	ML-22058	OW
N	4304732077	FEDERAL 12-34	WR	4845* KB	1571 FNL 0375 FWL	34	SWNW	080S	180E	UTA	U-51081	OW
N	4304732702	FEDERAL 42-35	WR	4815* GR	1955 FNL 0463 FEL	35	SENE	080S	180E	UTA	U-51081	OW
N	4304732721	FEDERAL 43-35	WR	4870* GR	2077 FSL 0696 FEL	35	NESE	080S	180E	UTA	U-49430	OW
N	4304731345	GULF STATE 36-13	WR	4831* GR	1850 FSL 0600 FWL	36	NWSW	080S	180E	UTA	ML-22057	OW
N	4304731350	GULF STATE 36-11	WR	4837* GR	0677 FNL 0796 FWL	36	NWNW	080S	180E	UTA	ML-22057	OW
N	4304731864	GULF STATE 36-12	WR	4882* GR	1778 FNL 0782 FWL	36	SWNW	080S	180E	UTA	ML-22057	OW
N	4304731892	GULF STATE 36-22	WR	4923* GR	1860 FNL 1980 FWL	36	SENE	080S	180E	UTA	ML-22057	OW
N	4304732580	UTD STATE 36-K	WR	4809* GR	2120 FSL 1945 FWL	36	NESW	080S	180E	UTA	ML-22057	OW
N	4304732581	UTD STATE 36-M	WR	4744* KB	0848 FSL 0648 FWL	36	SWSW	080S	180E	UTA	ML-22057	OW
N	4304731415	WILDROSE FEDERAL 31-1	WR	4871* GR	2051 FSL 0683 FWL	31	NWSW	080S	190E	UTA	U-30103	OW
N	4301330642	MONUMENT BUTTE 1-3	WR	5156* GR	1945 FSL 0816 FWL	03	NWSW	090S	170E	DU	U-44004	OW
N	4301330810	MONUMENT BUTTE 2-3	WR	5107* GR	1918 FNL 1979 FWL	03	SENE	090S	170E	DU	U-44004	OW
N	4301331760	PINEHURST FEDERAL 3-7	WR	5096* GR	2062 FNL 1999 FEL	03	SWNE	090S	170E	DU	61252	OW
N	4301331761	PINEHURST FEDERAL 3-8	WR	5030* GR	1980 FNL 0660 FEL	03	SENE	090S	170E	DU	61252	OW
N	4301331764	RIVIERA FEDERAL 3-11	WR	5123* GR	2050 FSL 2008 FWL	03	NESW	090S	170E	DU	U-44004	OW
N	4301332183	RIVIERA FED 3-9	WR	5030 GR	1922 FSL 0605 FEL	03	NESE	090S	170E	DU	U-44004	OW
N	4301332184	RIVIERA FED 3-10	WR	5108 GR	2100 FSL 2190 FEL	03	NWSE	090S	170E	DU	U-44004	OW
N	4301331023	FEDERAL 15-1-B	WR	5177* GR	0660 FNL 1983 FEL	15	NWNE	090S	170E	DU	U-44429	OW
N	4304732777	BIRKDALE FED 13-34	WR	5067* GR	1768 FSL 0615 FWL	34	NWSW	090S	180E	UTA	U-68618	OW
Y	4304731346	FEDERAL 1-34	WR	4870* GL	0966 FSL 0653 FEL	34	SESE	080S	180E	UTA	U-37812	WI
Y	4304731347	FEDERAL 2-34	WR	4864* GL	0831 FSL 1986 FEL	34	SWSE	080S	180E	UTA	U-37812	OW
Y	4304731410	FEDERAL 43-34-D	WR	4839* GR	1964 FSL 0848 FEL	34	NESE	080S	180E	UTA	U-45031	OW
Y	4304731458	FEDERAL 42-34D	WR	4834* GR	2019 FNL 0650 FEL	34	SENE	080S	180E	UTA	U-51081	OW
Y	4304731497	FEDERAL 3-34	WR	4856* GR	1945 FSL 1849 FWL	34	NESW	080S	180E	UTA	U-37812	OW
Y	4304731529	FEDERAL 33-34-D	WR	4854* GR	1904 FSL 2025 FEL	34	NWSE	080S	180E	UTA	U-30688	WI
Y	4304731637	FEDERAL 24-34D	WR	4888* KB	0619 FSL 1880 FWL	34	SESW	080S	180E	UTA	U-45031	OW
Y	4304731208	FEDERAL 13-35D	WR	4851* GR	1794 FSL 0552 FWL	35	NWSW	080S	180E	UTA	U-49430	WI
Y	4304731423	FEDERAL 14-35-D	WR	4809* GR	0369 FSL 1085 FWL	35	SWSW	080S	180E	UTA	U-49430	OW
Y	4304731454	FEDERAL 1-35	WR	4833* GR	1832 FNL 1111 FWL	35	SWNW	080S	180E	UTA	U-53995	OW
Y	4304731455	FEDERAL 2-35	WR	4833* GR	2136 FNL 2136 FWL	35	SENE	080S	180E	UTA	U-53995	WI
Y	4304731456	FEDERAL 3-35	WR	4860* GR	1972 FNL 1892 FEL	35	SWNE	080S	180E	UTA	U-53995	OW

END OF EXHIBIT

3. FILE

Designation of Agent/Operator

Merger

4/15/2004

TO: (New Operator):

N5160-Inland Production Company
1401 17th St, Suite 1000
Denver, CO 80202
Phone: 1-(303) 893-0102

Unit: **Pariette (Green River) Unit**[illegible]

5. If **NO**, the operator was contacted contacted on:

6. (R649-9-2)Waste Management Plan has been received on: IN PLACE

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: applied for

8. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: applied for

9. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 5/10/2004

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 5/18/2004
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 5/18/2004
- Bond information entered in RBDMS on: n/a
- Fee wells attached to bond in RBDMS on: n/a
- Injection Projects to new operator in RBDMS on: 5/18/2004
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

STATE WELL(S) BOND VERIFICATION:

- State well(s) covered by Bond Number: n/a

FEDERAL WELL(S) BOND VERIFICATION:

- Federal well(s) covered by Bond Number: UT0056

INDIAN WELL(S) BOND VERIFICATION:

- Indian well(s) covered by Bond Number: n/a

FEE WELL(S) BOND VERIFICATION:

- (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number n/a
- The **FORMER** operator has requested a release of liability from their bond on: N/A
The Division sent response by letter on: N/A

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
<http://www.blm.gov>



IN REPLY REFER TO:
3106
(UT-924)

September 16, 2004

Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael Coulthard
Acting Chief, Branch of
Fluid Minerals

Enclosure

1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114
Teresa Thompson
Joe Incardine
Connie Seare



Office of the Secretary of State

The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company
Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.



A handwritten signature in black ink, appearing to read "G. Connor".

Secretary of State

ARTICLES OF AMENDMENT
TO THE
ARTICLES OF INCORPORATION
OF
INLAND PRODUCTION COMPANY

FILED
In the Office of the
Secretary of State of Texas

SEP 02 2004

Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE – The name of the corporation is Newfield Production Company."

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1st day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs
Susan G. Riggs, Treasurer

UTSL-	15855	61052	73088	76561	
071572A	16535	62848	73089	76787	
065914	16539	63073B	73520A	76808	
	16544	63073D	74108	76813	
	17036	63073E	74805	76954	63073X
	17424	63073O	74806	76956	63098A
	18048	64917	74807	77233	68528A
UTU-	18399	64379	74808	77234	72086A
	19267	64380	74389	77235	72613A
02458	26026A	64381	74390	77337	73520X
03563	30096	64805	74391	77338	74477X
03563A	30103	64806	74392	77339	75023X
04493	31260	64917	74393	77357	76189X
05843	33992	65207	74398	77359	76331X
07978	34173	65210	74399	77365	76788X
09803	34346	65635	74400	77369	77098X
017439B	36442	65967	74404	77370	77107X
017985	36846	65969	74405	77546	77236X
017991	38411	65970	74406	77553	77376X
017992	38428	66184	74411	77554	78560X
018073	38429	66185	74805	78022	79485X
019222	38431	66191	74806	79013	79641X
020252	39713	67168	74826	79014	80207X
020252A	39714	67170	74827	79015	81307X
020254	40026	67208	74835	79016	
020255	40652	67549	74868	79017	
020309D	40894	67586	74869	79831	
022684A	41377	67845	74870	79832	
027345	44210	68105	74872	79833	
034217A	44426	68548	74970	79831	
035521	44430	68618	75036	79834	
035521A	45431	69060	75037	80450	
038797	47171	69061	75038	80915	
058149	49092	69744	75039	81000	
063597A	49430	70821	75075		
075174	49950	72103	75078		
096547	50376	72104	75089		
096550	50385	72105	75090		
	50376	72106	75234		
	50750	72107	75238		
10760	51081	72108	76239		
11385	52013	73086	76240		
13905	52018	73087	76241		
15392	58546	73807	76560		

1. GLH

2. CDW

3. FILE

Designation of Agent/Operator

X Operator Name Change

Merger

9/1/2004

TO: (New Operator):
N2695-Newfield Production Company
Route 3 Box 3630
Myton, UT 84052
Phone: 1-(435) 646-3721

CA No.

Unit:

PARIETTE (GREEN RIVER)

WELL(S)

[illegible]

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/2004
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/2004

3. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/2005
4. Is the new operator registered in the State of Utah: YES Business Number: 755627-0143
5. If **NO**, the operator was contacted contacted on:

6a. (R649-9-2) Waste Management Plan has been received on: IN PLACE
6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 2/28/2005
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/28/2005
3. Bond information entered in RBDMS on: 2/28/2005
4. Fee/State wells attached to bond in RBDMS on: 2/28/2005
5. Injection Projects to new operator in RBDMS on: 2/28/2005
6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UT 0056

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: 61BSBDH2912

FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919
2. The **FORMER** operator has requested a release of liability from their bond on: n/a*
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-49430
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME: PARIETTE UNIT
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 369 FSL 1085 FWL		8. WELL NAME and NUMBER: FEDERAL 14-35D
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SWSW, 35, T8S, R18E		9. API NUMBER: 4304731423
		10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE
		COUNTY: UINTAH
		STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 05/01/2008	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: -
	<input type="checkbox"/> CONVERT WELL TYPE	<input checked="" type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above subject well was recompleted and then placed back on production, attached please find a daily status report.

NAME (PLEASE PRINT) Jentri Park TITLE Production Clerk
SIGNATURE DATE 05/01/2008

(This space for State use only)

RECEIVED
MAY 06 2008
DIV. OF OIL, GAS & MINING

Daily Activity Report

Format For Sundry
FEDERAL 14-35D-8-18
2/1/2008 To 6/30/2008

4/8/2008 Day: 1

Recompletion

Western #1 on 4/7/2008 - MIRU western #1. RU HO trk & pump 50 BW dn casing @ 250°F. RD pumping unit & unseat rod pump. Flush tbg & rods W/ 50 BW @ 250°F. Re-seat pump, soft joint rod string & strip off flow-T. Fill tbg W/ 3 BW & pressure test tbg to 3000 psi. Retrieve rod string & unseat pump. TOH W/ 98-7/8" scraped & 46-3/4" plain rods. PU polished rod & re-flush rods W/ 20 BW. SIFN W/ est 123 BWTR.

4/9/2008 Day: 2

Recompletion

Western #1 on 4/8/2008 - Con't TOH W/ rod string--LD pump. Flush rods W/ 20 add'l bbls on TOH. ND wellhead & release TA @ 4948'. NU BOP. Talley, PU & TIH W/ - jts work string. Tag fill @ 5377'. LD work string. TOH & talley production tbg--LD BHA. RU Perforators LLC WLT. RIH W/ 4 3/4" gage ring to 5000'. MU Weatherford 5 1/2" "HE" RBP & RIH. Set plug @ 4940'. Dumpbail 2 sx sd on RBP. Fill hole W/ 15 BW & pressure test plug, casing & wellhead to 2500 psi. RIH W/ 2- 3 1/8" slick perf guns. Perf D2 sds @ 4822-27' & 4834-42' W/ 4 JSPF. RD WLT. SIFN W/ est 158 BWTR.

4/10/2008 Day: 3

Recompletion

Western #1 on 4/9/2008 - RU BJ Services. 16 psi on well. Perfs would not break. RU wireline truck. Dump bail acid on perfs. RU BJ Services. 30 psi on well. Frac D2 sds w/ 65,668#'s of 20/40 sand in 521 bbls of Lightning 17 fluid. Broke @ 3370 psi. Treated w/ ave pressure of 2382 psi w/ ave rate of 23.4 BPM. ISIP 1950 psi. RD BJ Services. Open well to flat tank for immediate flowback @ approx. 1 bpm. Well flowed for 1.5 hrs. & died. Recovered 175 bbls (water & frac gel) RIH w/ retrieving head, 1 jt 2 7/8" tbg., PSN, 1 jt 2 7/8" tbg., 5 1/2" TAC, 90 jts 2 7/8" tbg. SWIFN.

4/11/2008 Day: 4

Recompletion

Western #1 on 4/10/2008 - Circulate well w/ 60 bbls water. RIH w/ tbg. Tag fill @ 4843'. C/O to 4890'. Pull up to 4827'. RIH w/ swab. SFL @ surface. Made 8 swab runs. Recovered 115 bbls. EFL @ 1600'. ND BOP. Set TAC w/ 16,000# tension. NU wellhead. X-over for rods. Flush tbg. w/ 60 bbls water. SWIFN.

4/12/2008 Day: 5

Recompletion

Western #1 on 4/11/2008 - Cont. RIH w/ rods. Seat pump. Fill tbg. w/ 2 bbls. Stroke test to 800 psi. RU pumping unit. Hang off rods. Adjust tag. RD. Could not put well on production due to surface equipment issues. Added coolant to Ajax radiator and PWOP @ 4/11/2008 4:30pm, 5 SPM, 75" SL. Final report.

Pertinent Files: Go to File List

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

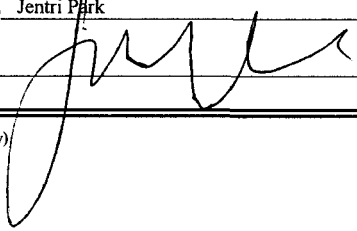
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-49430
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME: PARIETTE UNIT
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 369 FSL 1085 FWL		8. WELL NAME and NUMBER: FEDERAL 14-35D
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SWSW, 35, T8S, R18E		9. API NUMBER: 4304731423
		10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE
		COUNTY: UINTAH
		STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/STOP) <input type="checkbox"/> RECLAMATION OF WELL SITE <input checked="" type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARITLY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLAIR <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input type="checkbox"/> OTHER: -
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 10/07/2008			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above subject well was recompleted and then placed back on production, attached is a daily status report. the following perforation were added in the Green River formation.
GB4 4303'-4308'
GB6 4342'-4346'

NAME (PLEASE PRINT) <u>Jentri Park</u>	TITLE <u>Production Tech</u>
SIGNATURE 	DATE <u>10/07/2008</u>

(This space for State use only)

RECEIVED
OCT 13 2008
DIV. OF OIL, GAS & MINING

Daily Activity Report

Format For Sundry

FEDERAL 14-35D-8-18**7/1/2008 To 11/30/2008****9/10/2008 Day: 1****Recompletion**

NC #2 on 9/9/2008 - MIRU NC #2. Hot oiler had pumped 65 BW down csg @ 250°. RD pumping unit. Soft seat pump & pressure test tbg to 3000 psi. Unseat rod pump. Flush tbg & rods w/ 40 BW @ 250°. TOH w/rods as detailed below. LD rod pump, pump looked good. ND wellhead. Release TA. NU BOPs. RU rig floor. PU 2- jts 2 7/8" tbg & tag fill @ 4891'. Clean out to HE RBP @ 4940'. Circulate well clean. Latch onto & release RBP. TOH w/ 10- jts tbg to get above perms. SDFN.

9/11/2008 Day: 2**Recompletion**

NC #2 on 9/10/2008 - TOH w/ tbg as detailed below. Flushed tbg w/ 40 BW @ 250° during TOH. LD BHA. RU Perforators LLC. RIH w/ 4.75" gauge ring, 1-4' & 1-5' perf guns. Could not get gauge ring past 5020'. PUH & perforate GB6 sds from 4342-46' & GB4 sds from 4303-08' w/ 3 1/8" slick guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 36 holes. POOH w/ wireline. RD Perforators LLC. PU 4 3/4" bit & 5 1/2" csg scraper. PU 170- jts N-80 6.5# tbg (from trailer, tallying & drifting). Tag fill & 5377'. RU hot oiler & circulate well w/ 150 BW @ 250°. TOH w/ tbg, LD bit & scraper. PU Weatherford TS RBP & HD packer assembly. TIH w/ 87- jts N-80 2 7/8" tbg. SDFN.

9/12/2008 Day: 3**Recompletion**

NC #2 on 9/11/2008 - Continue TIH Weatherford TS RBP & HD packer assembly & total of 136- jts 2 7/8" N-80 tbg. Set RBP @ 4319', PUH & set HD packer @ 4279'. Fill annulus w/ rig pump. RU hot oiler to tbg. Fill tbg & pressure test tools to 2000 psi. Brake down GB4 sands from 4303-08' @ 3200 psi. Establish injection rate of 1/2 BPM @ 1900 psi. Release HD packer. TIH, latch onto & release RBP. TIH & set RBP @ 4355', PUH & set HD packer @ 4321'. Pressure test tools to 2000 psi. Brake down GB6 sands from 4342-46' @ 4900 psi. Establish injection rate of 1/3 BPM @ 3100 psi. Release packer. TIH, latch onto & release RBP. TIH & set RBP @ 4981'. PUH & leave packer released @ 4908'. Wait for BJ services acid & frac crew. Steam off rig. SDFN.

9/13/2008 Day: 4**Recompletion**

NC #2 on 9/12/2008 - Set HD packer @ 4903'. RU BJ services. Acidize C sands from 4958-66' w/ 420 gals of Fresh water & adds, 500 gals of 7.5% HCL & 1235 gals of fresh water as detailed below. Release HD packer, TIH, latch onto & release TS RBP. TIH & set RBP @ 5171'. PUH & set HD pkr @ 5098'. RU BJ services. Acidize B sands from 5115-60' w/ 840 gals of fresh water & adds, 1000 gals of 7.5% HCL & 1247 gals of fresh water as detailed below. Release HD pkr, TIH, latch onto & release RBP. TIH & set RBP @ 5260', PUH & set pkr @ 5192'. RU BJ services & acidize A sands from 5223-37' w/ 504 gals of fresh water & adds, 697 gals of 7.5% HCL & 1285 gals of fresh water as detailed below. Release HD packer. RU swab equipment. Made 8- swab runs w/ SFL @ surface & EFL @ 3200'. Recovered total of 70 BW ending w/ PH of 7. Fill well bore & reverse circulate well clean. TIH, latch onto & release RBP. PUH & set LS RBP @ 4382' & HD packer @ 4350'. Fill tbg & pressure test tools to 2000 psi. Release HD packer. PUH & set packer w/ CE @ 4254' & EOT @ 4266'. RU BJ services. 30 psi on well. Fill annulus & hold pressure w/ rig pump during frac. Frac

GB4 & GB6 sds down tbg w/ 33,563#'s of 20/40 sand in 296 bbls of Lightning 17 fluid. Broke @ 3356 psi. Treated w/ ave pressure of 2994 psi @ ave rate of 13.1 BPM. ISIP 1865 psi. Flow well back @ 3 BPM starting w/ 28/64 choke. Flow well back until dead. Recovered 160 BW. Release HD packer. TIH & tag fill @ 4357'. Reverse circulate frac gel from well bore. TOH w/ tbg used to tag. RU swab equipment & made 7- swab runs. SFL @ surface & EFL @ 2100'. Recovered total of 65 bbls fluid. Ending w/ approx.15% oil cut, good show of gas & good show of sand. SDFN.

9/16/2008 Day: 5

Recompletion

NC #2 on 9/15/2008 - Open well, well flowed 20 bbls oil. Made 3- swab runs w/ SFL @ surface & EFL @ 2000'. Recovered total of 35 bbls ending w/ approx. 80% oil cut, good show of gas & no show of sand. RD swab equip. TIH & tag fill @ 4357', clean out to RBP @ 4382'. Circulate well clean. Latch onto & release RBP. TIH w/ tbg used for acid jobs. TOH & LD N-80 workstring, plug & packer. Flush tbg w/ 40 BW @ 250° during TOH. MU BHA & TIH w/ prod tbg as detailed below. Set TA @ 5194' w/ 16000# tension. RD rig floor. ND BOPs. NU wellhead. X-over for rods. Flush tbg w/ 60 BW @ 250°. PU & prime Central Hydraulic 2 1/2" X 1 3/4" X 17' X 20' RHAC rod pump. TIH w/ rods as detailed below. Fill tbg w/ 2 BW & test to 200 psi. Stroke test pump w/ rig to 800 psi. RU pumping unit. Could not PWOP due to no propane to run unit.

Pertinent Files: Go to File List

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL
SUBMIT IN DUPLICATE
(See other instructions on reverse side)

Form Approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

65

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____

2. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REVR. ☐ Other _____

3. NAME OF OPERATOR

Natural Gas Corporation of California

4. ADDRESS OF OPERATOR

85 South 200 East, Vernal, UT 84078

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 369' FSL, 1085' FWL (SW $\frac{1}{4}$ SW $\frac{1}{4}$)

At top prod. interval reported below

At total depth

14. PERMIT NO. DATE ISSUED

43-047-31423

6. LEASE DESIGNATION AND SERIAL NO.

U-49430

7. IF INDIAN, ALLOTTEE OR TRIBE NAME

8. UNIT AGREEMENT NAME

9. FARM OR LEASE NAME

Federal

10. WELL NO.

14-35-D

11. FIELD AND POOL, OR WILDCAT

Pleasant Valley

12. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 35, T.8S., R.18E.

13. COUNTY OR PARISH

Uintah

14. STATE

Utah

15. DATE SPUDDED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (OF, RKB, RT, GR, ETC.)* 19. ELEV. CASINGHEAD

1/12/84

2/4/84

3/8/84

4809 GR

20. TOTAL DEPTH, MD & TVD 21. PLUG. BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 24. ROTARY TOOLS 25. CABLE TOOLS

6185

5377

HOW MANY*

0 - T.D.

26. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

4958 - 5237 Green River

27. WAS DIRECTIONAL SURVEY MADE

No

28. TYPE ELECTRIC AND OTHER LOGS RUN

Cyberlook, Dual Ind., CNL-Litho Density, Prox-Microlog, CBL

29. WAS WELL CORED

No

30. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8	32	312	12-1/4	227 sx. "G"	
5-1/2	17	5500	7-7/8	805 sx.	

31. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

32. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8	5265	

33. PERFORATION RECORD (Interval, size and number)

5234-37 1SPF 5082-84 2SPF
5223-27 1SPF 4958-66 3SPF
5146-60 1SPF
5132-34 3SPF
5115-20 3SPF

34. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
See attached	

35. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
3/8/84		Pumping Axelson - 1½" - 2½ x 1½ x 16'				Prod.	
DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
3/27/84	24		→	60	25 est.	90	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
0	350	→	60	25 est.	90		

36. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

vented

TEST WITNESSED BY

Boyd Snow

37. LIST OF ATTACHMENTS

38. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Wm Ryan
William A. Ryan

TITLE

Petroleum Engineer

DATE

April 5, 1984

(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				Green River	1500'	
				Mahogany Zone	3009'	
				Green River Fac.	4024'	
				Douglas Creek	4749'	
				Green River Lime	5921'	
				Wasatch	6082'	

FEDERAL 14-35D
 369' FSL & 1085' FWL (SW/SW)
 SECTION 35, T8S, R18E
 EIGHT MILE FLAT NORTH FIELD
 UTAH COUNTY, UTAH

GL: 4809'

Spud: 01/12/84
 Compl: 03/08/84

Base Of USDW @ 209'

Uinta Formation @ Surface

Top of Green River Formation @ 1500'

Top of Cement @ 2536' (CBL)

12-1/4" hole

8-5/8", 24# Csg. @ 312'
 Cmted. w/227 sx to surf.

7-7/8" hole

Tbg Anchor @ 4948'

PERFS:

- 4958' - 4966' (25 holes)
- 5082' - 5084' (5 holes)
- 5115' - 5120' (16 holes)
- 5132' - 5134' (7 holes)
- 5146' - 5160' (15 holes)
- 5223' - 5227' (5 holes)
- 5234' - 5237' (4 holes)

2-7/8", 6.5#, J-55 tbg @ 5265'

PBTD @ 5416'

Wasatch Tongue of Green River Formation @ 5921'

TD @ 6185'

5-1/2", 17# csg @ 5500'
 Cemented w/ 805 sx

CURRENT WELLBORE DIAGRAM



Hinta Research and Analytical Services

291 East 200 North

6-ROOSEVELT, UTAH 84066

James F. Smith

WATER ANALYSIS REPORT

(801) 722-2532

COMPANY Natural Gas Corp of Cal. ADDRESS Vernal, Utah DATE 6-8-84
SOURCE 42-34 D DATE SAMPLED 6-8-84 ANALYSIS NO. W-839
14-35 D Analysis Mg/L *Meq/L

1. PH 8.14
2. H₂S (Qualitative)
3. Specific Gravity 1.026
4. Dissolved Solids 42669.60
5. Suspended Solids 0
6. Phenolphthalein Alkalinity (CaCO₃) 140
7. Methyl Orange Alkalinity (CaCO₃) 85
8. Bicarbonate (HCO₃) 25492
9. Chlorides (Cl) 448
10. Sulfates (SO₄) 337
11. Calcium (Ca) 10
12. Magnesium (Mg) 880
13. Total Hardness (CaCO₃) .90
14. Total Iron (Fe)
15.

HCO ₃	85	+ 61	1.39	HCO ₃
Cl	25492	+ 35.5	718.08	Cl
SO ₄	448	+ 48	9.33	SO ₄
Ca	337	+ 20	16.85	Ca
Mg	10	+ 12.2	.82	Mg
	880			
	.90			

16. Conductivity
*Milli equivalents per liter

mmHos 74,000

ppm

Resistivity .17 @ 68 °F

PROBABLE MINERAL COMPOSITION

Ca	←	HCO ₃	16.85
Mg	→	SO ₄	.82
Na	→	Cl	711.13
			1.39
			9.33
			718.08

Saturation Values

Ca CO₃

Ca SO₄ · 2H₂O

Mg CO₃

Distilled Water 20°C

13 Mg/L

2,090 Mg/L

103 Mg/L

Compound	Equiv. WL X	Meq/L	Mg/L
Ca (HCO ₃) ₂	81.04	1.39	112.65
Ca SO ₄	68.07	9.33	635.09
Ca Cl ₂	55.50	6.13	340.22
Mg (HCO ₃) ₂	73.17	0	0
Mg SO ₄	60.19	0	0
Mg Cl ₂	47.62	.82	39.05
Na HCO ₃	84.00	0	0
Na ₂ SO ₄	71.03	0	0
Na Cl	58.46	711.13	41572.60

Remarks: Carbon Dioxide = .99 mg/l

Thank you for the business:

ATTACHMENT H

OPERATING DATA:

- 1) Average water injection volume of 200 BWPD.
Maximum water injection volume of 300 BWPD.
- 2) Estimated average surface injection pressure of 1800 psi.
Estimated maximum surface injection pressure of 2100 psi.

The average injection pressure is estimated by analogy of other waterfloods in the area (Operated by Balcron & Inland) which are injecting into the same formation and sands as the Pariette Unit. Maximum injection pressure was based on an average depth of 5098' and an average frac gradient of .850 for the injection zones. Step-rate tests will be performed on each injection well during the initial stages of the injection program and periodically thereafter to determine actual fracture pressure. Injection pressures will not exceed the maximum pressures determined for each well from these step-rate tests.

- 3) The annulus fluid will be fresh water treated with scale inhibitor, oxygen scavenger and biocide. A one (1) barrel diesel blanket will be at the top of the backside to prevent freezing. A maximum pressure of 200 psi will be kept on the annulus.

- 4) The water source for the Pariette Unit waterflood is fresh water from Pariette Draw. The point the water will be withdrawn from Pariette Draw is located in in the SE/4 of Section 27, T8S, R18E. Wildrose has obtained a lease on a small portion of the water rights within Pariette Draw from the Uinta Basin Irrigation Company and the water will be piped from Pariette Draw the one mile to the injection station within the unit. See Figure 2 in Attachment B for the location of the settling pond at Pariette Draw and the injection facilities.

It is planned that at such time the Pariette Unit water production increases, the produced water will replace a portion of the Pariette Draw water for injection. Present water production from the Pariette Unit wells is approximately 8 BWPD.

- 5) Analysis of the fresh water from Pariette Draw, which will be used for injection, follows as part of Attachment H.

Scale inhibitor, oxygen scavenger and biocide will be added to the injection water to prevent scaling and corrosion.

UNICHEM

A Division of BJ Services

P.O. Box 217
Roosevelt, Utah 84066

Office (801) 722-5066
Fax (801) 722-5727

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WATER ANALYSIS REPORT

COMPANY **WILDROSE** ADDRESS _____ DATE **2-16-96**
SOURCE **Pariette Draw** DATE SAMPLED **2-15-96** ANALYSIS NO. _____

	Analysis	Mg/l(ppm)	*Meq/l
1. PH	8.4		
2. H ₂ S (Qualitative)	1.0		
3. Specific Gravity	1.001		
4. Dissolved Solids		1659	
5. Suspended Solids			
6. Anaerobic Bacterial Count	CI	CMI	
7. Methyl Orange Alkalinity (CaCO ₃)			
8. Bicarbonate (HCO ₃)		530	+61 9 HCO ₃
9. Chlorides (Cl)		150	+35.5 4 Cl
10. Sulfates (SO ₄)		660	+48 14 SO ₄
11. Calcium (Ca)		200	+20 10 Ca
12. Magnesium (Mg)		12	+12.2 1 Mg
13. Total Hardness (CaCO ₃)		530	
14. Total Iron (Fe)		1.0	
15. Barium (Qualitative)			
16. Phosphate Residuals			

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION

Compound	Eqvly. Wt.	X	Meq/l	=	Mg/l
Ca(HCO ₃) ₂	81.04		9		729
CaSO ₄	68.07		1		68
CaCl ₂	55.50				
Mg(HCO ₃) ₂	73.17				
MgSO ₄	60.19		1		60
MgCl ₂	47.62				
NaHCO ₃	84.00				
Na ₂ SO ₄	71.03		8		568
NaCl	58.46		4		234

10	Ca	←	HCO ₃	9
1	Mg	→	SO ₄	14
16	Na	→	Cl	4

Saturation Values

CaCO ₃	13 Mg/l
CaSO ₄ · 2H ₂ O	2,090 Mg/l
MgCO ₃	103 Mg/l

Distilled Water 20°C

REMARKS _____

ATTACHMENT M**CONSTRUCTION DETAILS:**

Attached as part of Attachment M are Current Wellbore Diagrams and Water Injection Wellbore Diagrams for the four proposed injection wells.

Enclosed with this UIC application are the cement bond logs for the four proposed injection wells: Federal Nos. 33-34D, 1-34, 13-35D and 2-25.